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NTDB id 35634 VEA RS04535 WP 006743091.1	MDINKFLEGMIALKASDLYITVGAPILFRVDGELRPQGEKLT	E.SDVAALLDSAMEPDRRQEFKRSRESNFAIVRD	75
NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEALSV	.ADVTALLHAMMDARQAEFKQTREANFAVVRD	75
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKT	PMSPEMTRETVHGVNMNEQRRREFTENHECNFAISAR	76
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDM	IAQLIDSITTQKQRQEFIEHTECNFAILNR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITLAAGLPQFKLSGDYDAQGFEL	SASDTRKLMYSMMNERQQRIFEKRELDDFSALG	80
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRINLP	EMSAEEVGNMVTSMVNDHQRKIYQQNLEVDFSFELP	76
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRINLP	EMSAEEVGNMVTSMVNDHQRKIYQQNLEVDFSFELP	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVP	AFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVP	AFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLP	PPLHKKDVIKIYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLP	PPLHKKDVIKIYDIMNDRQRKEYEEFFETDFSFEIA	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLP	PPLHKKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSGLPPMIRVDGDVRRINLP	PMDHKKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLP	PAMDHSEVHNLIYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
consensus	*** **!****** *!******!*****!*****!*****	*** ** ********** *! *!*****	

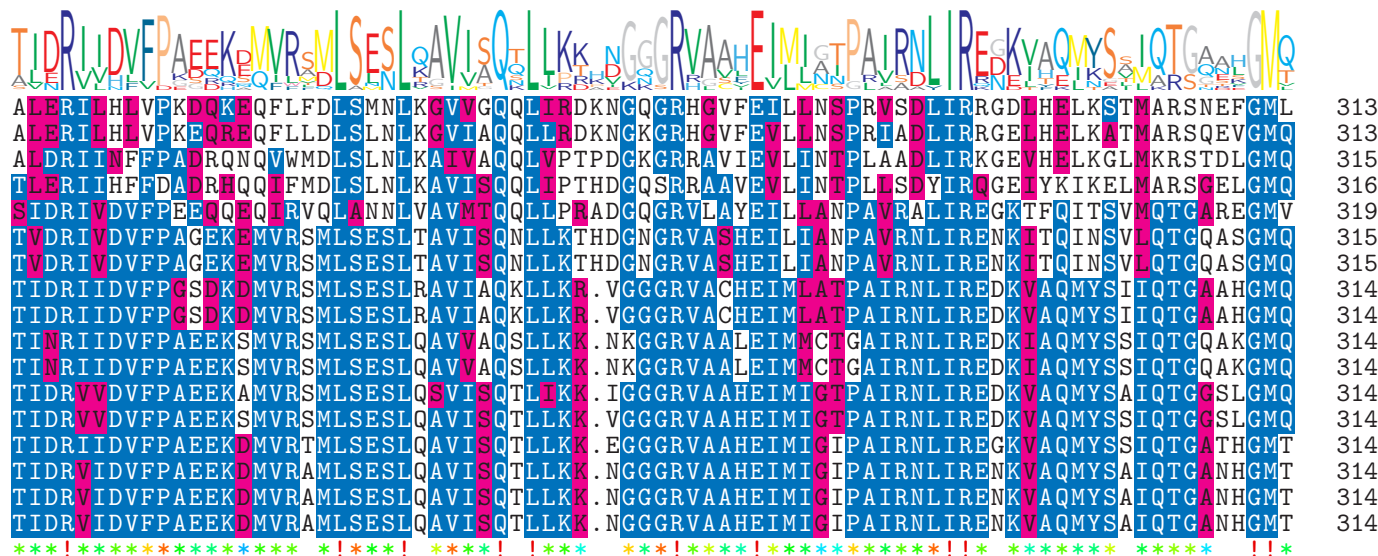
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NTDB id 35634 VEA RS04535 WP 006743091.1	..CGRFRVSAFFQRELPGAVIRRIETNIPTFEQLKLPVLQDLAI	AKRGLVLVVGATGSGKSTTMAAMTGYRNSNKTGHI	153
NTDB id 1177 A1552VC RS01165 WP 000422572.1	..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAI	AKRGLVLVVGATGSGKSTTMAAMTGYRNQHRTGHI	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G.IGRFRVSAFYQRNLAGMVLRIETNIPTIEDLKLPDVLKKLALT	KRGLVLVFGATGTGKSTSLAAMIGYRNKNSSGHI	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKEL	AMSKRGITIFSGATGTGKSTSLASMIQHRNQHSGKHI	156
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQRGNGVGMRLIPTTVRTIAEMGLPQTVIDIAN	APRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI	159
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIA	ESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIA	ESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIA	NYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIA	NYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEM	ASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEM	ASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFRK	VSDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFRK	ITDVPRLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKD	ICDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKD	ICDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKD	ICDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
consensus	* ****!!*!* ** *!*!*!* ** *!* ** *	*!*****!*****!*****!*****!*****!*****	*! *

NTDB id 35634 VEA RS04535 WP 006743091.1
NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
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NTDB id 1194 PAKAF RS01195 WP 003084552.1
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NTDB id 1020 ACIAD RS04210 WP 011182164.1
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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NTDB id 1259 GCO85 RS10305 WP 010947729.1
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NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
consensus



logo

NTDB id 35634 VEA RS04535 WP 006743091.1	TFDQSLYKLV	368
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NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLY	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLY	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFR	391
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLV	347
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLV	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLI	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLI	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTEL	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTEL	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQHLTEL	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQHLTEL	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLL	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKQLL	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKQLL	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKQLL	345
consensus	!*** * !* ***** * *	

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NTDB id 35634 VEA RS04535 WP 006743091.1	CAAAATP	368
NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
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NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 1307 DR RS10055 WP 010888596.1	GAAATP	418
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
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NTDB id 1185 GTF74 RS11940 WP 000350195.1		345
NTDB id 1176 A1552VC RS01160 WP 000350195.1		345
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
consensus		

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