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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 176740 A3780 RS20590 WP 035889571.1
NTDB id 1307 DR RS10055 WP 010885596.1
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 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HQN27 RS13360 WP 000355489.1
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MDITELLAFSVKNGASDLHLSAGVPPMIRVDGEVRRINLPAL¹EHKDVHRLVYD²IMNDKQRREYE³EKL⁴EDFSFEV⁵P

MTSGIDITDITDLRLAADKNGASDII¹LAAGLPQFKLSGDYDAQGFEPISADTRKLMYSMMNERQQRI²FE³E⁴KRELDFSA⁵IF⁶AG

.... MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALHAMMODARQA¹E²FKQ³TR⁴EANFAVVRD75

.... MEFEKLLRLMVEKGCSDLFITAGVPPSMKVNGKILP¹VNKT²PMSP³EMTRET⁴VHGVMNEQ⁵QRREFT⁶ENHEC⁷NA⁸FAISAR76

.... MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEIT¹PVSKTKLDGDMIAQLIDSIT²TQK³Q⁴RQ⁵EF⁶IE⁷THEC⁸NA⁹FAILNR76

.... MDIDEIVELSVKHNVSDLHLSCHC¹PPRW²RRQ³Q⁴RLV⁵..AFTPA⁶DISGFLNAYLSSALQQ⁷WR⁸Q⁹GV¹⁰DF¹¹AL¹²TA73

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.... MQITDLLAFGA¹KNKASDLHLSSGISPMIRVHGD²MRRINLPE³MSAE⁴EVGNM⁵VTSM⁶MNDH⁷QR⁸KI⁹YQ¹⁰NLE¹¹VDFS¹²FE¹³LP76

.... MDIAELLEFSV¹KHNASDLHLSAGVPPMVRIDG²EV³RKLGV⁴PAFT⁵HS⁶DVHRLIFE⁷IM⁸ND⁹AQRSE¹⁰EY¹¹E¹²E¹³KLE¹⁴VDFS¹⁵FE¹⁶LP76

.... MDIAELLEFSV¹KHNASDLHLSAGVPPMVRIDG²EV³RKLGV⁴PAFT⁵HS⁶DVHRLIFE⁷IM⁸ND⁹AQRSE¹⁰EY¹¹E¹²E¹³KLE¹⁴VDFS¹⁵FE¹⁶LP76

.... MDIAELLAFSV¹KNKASDLHLSAGMPPMIRVDG²DL³RKINLP⁴LE⁵HKDV⁶IKI⁷IYD⁸IM⁹ND¹⁰RQRKE¹¹YE¹²EFF¹³ETDFS¹⁴FE¹⁵IA76

.... MDIAELLAFSV¹KNKASDLHLSAGMPPMIRVDG²DL³RKINLP⁴LE⁵HKDV⁶IKI⁷IYD⁸IM⁹ND¹⁰RQRKE¹¹YE¹²EFF¹³ETDFS¹⁴FE¹⁵IA76

.... MDITELLAFSA¹KQ²GSADLHLSAGLPPMIRVDG³DV⁴RRINLP⁵LE⁶HKQV⁷HALI⁸IYD⁹IM¹⁰ND¹¹KQRK¹²DFE¹³EF¹⁴LETDFS¹⁵FE¹⁶VP76

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.... MDITELLAFSV¹QNRASDLHLSAGIPPMIRVDG²EV³RRINLP⁴AM⁵DH⁶SE⁷VHNL⁸IYD⁹IM¹⁰ND¹¹KQR¹²RDY¹³E¹⁴E¹⁵KLE¹⁶TD¹⁷DFS¹⁸FE¹⁹VP76

.... MDITELLAFSV¹KNGASDLHLSAGMPPMIRVDG²EV³RRINLP⁴AL⁵EHKDVHRLVYD⁶IM⁷ND⁸KQR⁹RDY¹⁰E¹¹E¹²KLE¹³TD¹⁴DFS¹⁵FE¹⁶VP76

.... MDITELLAFSV¹KNGASDLHLSAGMPPMIRVDG²EV³RRINLP⁴AL⁵EHKDVHRLVYD⁶IM⁷ND⁸KQR⁹RDY¹⁰E¹¹E¹²KLE¹³TD¹⁴DFS¹⁵FE¹⁶VP76

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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

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..SCRFRVSAFFQRELPGAVIRRIETIETIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYNQHRTGHI 153
G.TGRFRVSFAFYQRNLAGMVLRRITETNIPTIEDLKLDPDLKKALTKRGLVLFVGATGTGKSTSLAAMIYRNKNSSGHI 155
EKNERFRVSAFQQRDMPCMVIRRIETIKIPSPDDLHLPPILEKALMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI 156
R.GQLRLRGAFSHHQGVSLLARLLAQSSPLLAELDVPVALNTLLERDNGLIILVTGATGSGKSTTLAAMVEHLNQHHDGHI 152
D.KARFRVNAFMRGNVCGVMRLIPITVRITAEMLGPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMDIHINTTKLCHI 159
N.VARFRVNAFNIGRGAFAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
N.VARFRVNAFNTIGRGAFAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI 155
N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSFIANYEKGGLVLVTGPTGSGKSTTLAAMVNYVNAHNKHCHI 155
N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSFIANYEKGGLVLVTGPTGSGKSTTLAAMVNYVNAHNKHCHI 155
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N.LARFRVNAFNQSRGAFAVFRTIPSEILSMEDLGPIFKEMASFSGRLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI 155
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G.VARFRVNAFNQNRRGAGAVFRTIPSKVLTMEDLGMGEVFRKITTDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHCHI 155
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N.VARFRVNAFNQNRRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGITVLVTGPTGSGKSTTLAAMDYINENRYDHI 155
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....	381
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NTDB id 176740 A3780 RS20590 WP 035889571.1	TFAQSHQQRVQQGWL.....	326
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGGLIAPEVARRRAQNSEMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGGLIAPEAARRRAQNSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
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NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLLAKGLISRDSAKEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIINLPTARAVAKS.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
consensus	!*** * ** ***** * *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	PATPAAPAAGRSEPCRRACCFGR	368
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NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 176740 A3780 RS20590 WP 035889571.1		326
NTDB id 1307 DR RS10055 WP 010888596.1	PATPAAPAAGRSEPCRRACCFGR	418
NTDB id 1086 NMV RS00245 WP 002218487.1		347
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
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NTDB id 1176 A1552VC RS01160 WP 000350195.1		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1		344
NTDB id 1202 PSJM300 01600 AFN76400.1		344
NTDB id 1020 ACIAD RS04210 WP 011182164.1		344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

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