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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTALLHAMDDARQAEFKQTREANFAVVRD	75
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKT	TPMSPEMTRETVHGVMMNEQQRREFTE	76
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSL	KINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEF	76
NTDB id 63214 AABJ73 RS19685 WP 001469299.1	MNMEEIVALSVKHNVSDDLHLCSAWPARWRIRGRMEA...	APFDAPDVEELLREWLDDQRAILLENGQLDFAVSLA	73
NTDB id 1448 BW25113 RS15320 WP 001326494.1	MNMEEIVALSVKHNVSDDLHLCSAWPARWRIRGRMEA...	APFDTPDVEELLREWLDDQRAILLENGQLDFAVSLA	73
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAAGLP	PQFKLSGDIYDAQGFEPISASDTRKLMYSMMNERQQRI	80
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGD	MRRINLPEMSAEVGNMVTSMVNDHQRKIYQQNLEVD	76
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGD	MRRINLPEMSAEVGNMVTSMVNDHQRKIYQQNLEVD	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLISAGVPPMVRID	GEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLE	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLISAGVPPMVRID	GEVRKLGVPFATHSDVHRLIFEIMNDAQRSEYEEKLE	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNKSSDLHISAGMPPMIRVDG	DLRKINLPPLLEHKDVIKIYD	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNKSSDLHISAGMPPMIRVDG	DLRKINLPPLLEHKDVIKIYD	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSSGLPPMIRVDG	DVRRINLPAMDHKQVHALIYD	76
NTDB id 1194 PA0395 NP 249086.1	MDITELLAFSAKQGASDLHLSSGLPPMIRVDG	DVRRINLPAMDHKQVHALIYD	76
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLISAGIPPMIRVDG	EVRRINLPAMDHSEVHNLIYD	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNKASDLHLISAGMPPMIRVDG	EVRRINLPAL	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNKASDLHLISAGMPPMIRVDG	EVRRINLPAL	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNKASDLHLISAGMPPMIRVDG	EVRRINLPAL	76
consensus	*** ***** *!*****!***** **** ** ********** ***** *!*****		

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNL	LAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHR	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G.IGRFRVSAFYQRNL	AGMVLRR	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPIL	KELAMSKRGITIFSGATGTGKSTSLASMIQHRNQHSKGHI	156
NTDB id 63214 AABJ73 RS19685 WP 001469299.1	E.NQRLRGS	AFAQRQG	152
NTDB id 1448 BW25113 RS15320 WP 001326494.1	E.NQRLRGS	AFAQRHG	152
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVID	IANAPRGLVLVTGPTGSGKSTTLAS	159
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNI	GRGPA	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNT	GRGPA	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQA	RGCSAVFRTIPTV	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQA	RGCSAVFRTIPTV	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQSRGA	AAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQSRGA	AAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLT	MEELGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1194 PA0395 NP 249086.1	G.VARFRVNAFNQNRGAGAVFRTIPSKVLT	MEELGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1020 ACIAD RS04210 WP 011182164.1	N.LARFRVNVFNQNRGAGAVFRTIPSKVLT	LEELGLGKIFR	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLT	LEELGLGQIFK	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLT	LEELGLGQIFK	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQNRGAGAVFRTIPSKVLT	LEELGLGQIFK	155
consensus	* **!*!*****!*** ** *****!***** ********** ***** *!*****!*****!*****!***** ***** *! *		

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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 63214 AABJ73 RS19685 WP 001469299.1
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NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PA0395 NP 249086.1
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 HON27 RS13360 WP 000355489.1
consensus

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADLANDRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK....	383
NTDB id 63214 AABJ73 RS19685 WP 001469299.1	TFQQSYQQRVGEGR.....	326
NTDB id 1448 BW25113 RS15320 WP 001326494.1	TFQQSYQHRVGEGR.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLLITYDKGLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PA0395 NP 249086.1	TLDMLKGLVAKGLISRENAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	!*** * ** ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAGRSEPGRAGGFGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 63214 AABJ73 RS19685 WP 001469299.1	.....	326
NTDB id 1448 BW25113 RS15320 WP 001326494.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAGRSEPGRAGGFGRR	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
NTDB id 1259 GC085 RS10305 WP 010947729.1	.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	344
NTDB id 1194 PA0395 NP 249086.1	.....	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