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NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIIILAAGLPPQFKISGDYDAQGFEPISASDTRKLMYSMMNERQQRIIEEKKRELDDFSFAIG	80
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRINLPEMSAEVGNMVTSMVNDHQKRIYQQNLEVDDFSFLP	76
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRINLPEMSAEVGNMVTSMVNDHQKRIYQQNLEVDDFSFLP	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSAGVPPMVRIDGEVRKLGVPFAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDDFSFLP	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSAGVPPMVRIDGEVRKLGVPFAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDDFSFLP	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIIYDIMNDRQRKEYEEFFETDDFSFEIA	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIIYDIMNDRQRKEYEEFFETDDFSFEIA	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSSAGLPPMIRVDGDVRRINLPPLLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLSSAGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP	76
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSSAGIPPMIRVDGEVRRINLPAMDHSVHNLIYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSSAGMPPMIRVDGEVRRINLPALAHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSSAGMPPMIRVDGEVRRINLPALAHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSSAGMPPMIRVDGEVRRINLPALAHKDVHRLVYDIMNDKQRDDYEEKLETDFSFEVP	76
NTDB id 186550 BAY15 RS03510 WP 068849022.1	MDIGYFLKLMTEKNASDMFLTTGAPVYIKIEGKLYPLGNTGLPPGMVKKIAYSIMDEGQVPQFERDLELNMALP	76
NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDARQAEFKQTREANFAVVRD	75
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTTPMSPETRETIVHGMNEQQRREFTENHECNFAISAR	76
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMTAQLIDSITTQKQRQEFIIETHECNFAILNR	76
consensus	*** **!****** *!******!*****!***** * * ** *************** *! *****	

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NTDB id 1307 DR RS10055 WP 010888596.1	NVARFRVNAFNRGNVGGVMRLIPTITVRIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMDIHINTTKKLHI	159
NTDB id 1116 NGFG RS10615 WP 003690200.1	NVARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1086 NMV RS00245 WP 002218487.1	NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	NVGRFRVNAFHQARGCSAVFRTIPTVPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHNNKHI	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFRKVSVDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHHI	155
NTDB id 1020 ACIAD RS04210 WP 011182164.1	NLARFRVNVFVNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMDYINNHRDYHI	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDCDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDCDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDCDYPRGIVLVTGPTGSGKSTTLAAMDYINENRYDHI	155
NTDB id 186550 BAY15 RS03510 WP 068849022.1	DAGRFRVNVFQKRGVGMVIRAIRSKIPSIEELNLPQVLKDVIMTPRGLVLVVGSTGSGKSTSLASMDHRNSTTTGHI	155
NTDB id 1177 A1552VC RS01165 WP 000422572.1	..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRGTGHI	153
NTDB id 1203 PSJM300 01605 AFN76401.1	GIGRFRVSAFYQRNLACGMVLRRIETNIPTIEDLKLPEVLKKLALTKRGLVLVVGATGTGKSTSLAAMIGYRNKNSSGHI	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI	156
consensus	* **!!!!!!** ** **!****** ***** ** ** ** ** ***** **!******!*****!*****!***** *	

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NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKCLERAID.PKEFAR..LANDASAGLG.GASMTPAAPPVPAYNSASSSSSTGRGGDFGRGAAA	395
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVLRQGLIAPEAAARRRAQNSESMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVLRQGLIAPEVARRRAQNSESMSF.....	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	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQ.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
NTDB id 186550 BAY15 RS03510 WP 068849022.1	SFDQCLFRMAKGGIIEQEEALRAADSRDGLALKFRLSEGGSGEHPYADYSAATPA.....AITHGF.....	376
NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKID.....ME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLE.....MSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERK.....MTFDGQRRNLK.....	383
consensus	***** * * * * * * * * *	

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NTDB id 1307 DR RS10055 WP 010888596.1	PATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	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 GCO85 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
NTDB id 186550 BAY15 RS03510 WP 068849022.1	.....	376
NTDB id 1177 A1552VC RS01165 WP 000422572.1	.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
consensus		

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