

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQ...GEAL.SVADVTAL	LHAMMDARQAEFKQ	TREANFAV	72
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPV...NKTPMSPEMTRET	VHGVNMNEQQRREFTENHECNFAI		73
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	EPSLKINGEITPV...SKTKLDGDMIAQL	LIDSITTQKQRQEFITHECNFAI		73
NTDB id 40858 DESCA RS11230 WP 013810598.1	...MSAMESILRLAAQVGASDVHITVGM	PPVLRINGALQTLDKIDPSKLT	TTDQTMAMAKSLMDEAQYQRFMEWGEVDFS		77
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGL	PPQFKLSGDYDAQ...GFEP	LSASDTRKLMYSMMNERQQRIFE	EKKRELDDFS	77
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRI...NLPEMSAE	EVGNMVTSMVNDHQRKIYQQNLE	VDFS	73
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRI...NLPEMSAE	EVGNMVTSMVNDHQRKIYQQNLE	VDFS	73
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGV	PPMVRIDGEVRKL...GVP	AFTHSDVHRLIFEIMNDAQRSEYEEKLE	VDFS	73
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGV	PPMVRIDGEVRKL...GVP	AFTHSDVHRLIFEIMNDAQRSEYEEKLE	VDFS	73
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAVKNKSSDLHISAGM	PPMIRVDGDLRKI...NLPPLEHK	DVIKIYDIMNDRQRKEYEEFFETDFS		73
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAVKNKSSDLHISAGM	PPMIRVDGDLRKI...NLPPLEHK	DVIKIYDIMNDRQRKEYEEFFETDFS		73
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSAGL	PPMIRVDGDVRR...NLPPLEHK	QVHALIYDIMNDKQRKDFEEFFLETDFS		73
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSAGL	PPMIRVDGDVRR...NLPA	MDHSEVHNLIYDIMNDKQRKDFEEFFLETDFS		73
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSAGI	PPMIRVDGEVRR...NLPA	MDHSEVHNLIYDIMNDKQR	RDYEEKLETDFS	73
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGM	PPMIRVDGEVRR...NLPA	LEHKDVHRLVYDIMNDKQR	RDYEEKLETDFS	73
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGM	PPMIRVDGEVRR...NLPA	LEHKDVHRLVYDIMNDKQR	RDYEEKLETDFS	73
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGM	PPMIRVDGEVRR...NLPA	LEHKDVHRLVYDIMNDKQR	RDYEEKLETDFS	73
consensus	*** **!***** *!*****!*****!*****	*****	*****	*****	*** **!***

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	VRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAI	AKRGLVLVVGATGSGKSTTMAAMTG	YRNRQHRT	150
NTDB id 1203 PSJM300 01605 AFN76401.1	SARG. I GRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKLDPVL K KLALTKRGLVLFVGATGT G KSTSLAAMIGYR	NKNSS	152	
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LNREKNERFVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKR I IIFSGATGT G KSTSLASMIQH	RNQHSK	153	
NTDB id 40858 DESCA RS11230 WP 013810598.1	STVG. V GRFRVNVFKQRGSAALAIRIIRTQIPTIKELGLPEVIGQLARRPRGLVLVTGPTGSGKSTTLAAMIDKINT	TETS	156	
NTDB id 1307 DR RS10055 WP 010888596.1	ALGD. K ARFRVNAFMQGRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLAS M IDHINTT K		156	
NTDB id 1086 NMV RS00245 WP 002218487.1	ELPN. V ARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSI F QKIAESPRGMVLVTGPTGSGKSTTLAAMIN Y INETQP		152	
NTDB id 1116 NGFG RS10615 WP 003690200.1	ELPN. V ARFRVNAFNITGRGPAAVFRTIPSTVLSLEELKAPSI F QKIAESPRGMVLVTGPTGSGKSTTLAAMIN Y INETQP		152	
NTDB id 1185 GTF74 RS11940 WP 000350195.1	ELPN. V GRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIAN Y E K GLVLVTGPTGSGKSTTLAAMV N YNAH	HN	152	
NTDB id 1176 A1552VC RS01160 WP 000350195.1	ELPN. V GRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIAN Y E K GLVLVTGPTGSGKSTTLAAMV N YNAH	HN	152	
NTDB id 1283 ACE17W RS02630 WP 010947729.1	EIAN. L ARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPI F KEMASFSRGLVLVTGPTGSGKSTTLAAV I DYINSS R Y		152	
NTDB id 1259 GC085 RS10305 WP 010947729.1	EIAN. L ARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPI F KEMASFSRGLVLVTGPTGSGKSTTLAAV I DYINSS R Y		152	
NTDB id 1194 PAKAF RS01995 WP 003084552.1	EVPG. V ARFRVNAFNQNRGAGAVFRTIPSKVLTMEEL G MG E V F K R VSDVPRGLVLVTGPTGSGKSTTLAAM D Y L NN T K Y		152	
NTDB id 1202 PSJM300 01600 AFN76400.1	EVPG. V ARFRVNAFNQNRGAGAVFRTIPSKVLTMEEL G MG E V F K R ITDVPRLGLVLVTGPTGSGKSTTLAAM D Y L NN T K Y		152	
NTDB id 1020 ACIAD RS04210 WP 01182164.1	EVPN. L ARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAM D YINN H RY		152	
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	EVPN. V ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAM D YINEN R Y		152	
NTDB id 1060 ABD1 RS04380 WP 000355489.1	EVPN. V ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAM D YINEN R Y		152	
NTDB id 1040 HON27 RS13360 WP 000355489.1	EVPN. V ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAM D YINEN R Y		152	
consensus	***** **!!!!*!* ******!*!*** ********** * * *	*** **	***!*****!*****!*****!*****! *	

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 40858 DESCA RS11230 WP 013810598.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
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 1194 PAKAF RS01195 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 HON27 RS13360 WP 000355489.1
consensus



logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	GMQTFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKID.....ME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	GMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLE.....MSDDDPGRSFR..	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	GMQTFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLSEEANKPLDNRRERMSEMERK.....MTFDGQRRNLK..	383
NTDB id 40858 DESCA RS11230 WP 013810598.1	GMQTLDMALRNLIQKGIISAEAAARNKAVD.IDMLT..KV.....	352
NTDB id 1307 DR RS10055 WP 010888596.1	GMVTMDAYLAGLFRRHLYTDKGLERAID.PKEFA..RLANDASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRG	392
NTDB id 1086 NMV RS00245 WP 002218487.1	GMQTMDDQLQSLVRQGLIAPEVARRRAQNSSEMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	GMQTMDDQLQSLVRQGLIAPEAARRRAQNSSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	GMQTMENAKQLIARGVVDQAEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	GMQTMENAKQLIARGVVDQAEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	GMQTLDDQHLTELNVNKNISKHTAHEAALN.KSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	GMQTLDDQHLTELNVNKNISKHTAHEAALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	GMQTLDMCKGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	GMQTLDSCKGLLAKGLISRDSAKEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	GMTTLDQSLKQLLAKGIINLPTARAVAKS.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	GMTTLDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	GMTTLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	GMTTLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
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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
NTDB id 40858 DESCA RS11230 WP 013810598.1		352
NTDB id 1307 DR RS10055 WP 010888596.1	AAAPATPAAPAAAGRSEPGRAGGFGRR	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 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