

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTALLHAMDDARQA	EFGKQTREANFAVVRD	75
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKTTPMSP	EMTRETVHGVMMNEQQRR	76
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLF	ITAGVEPSLKINGEITPVSKTK	LDGDMIAQLIDSITTQKQR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASD	IILAAGLPPQFKLSGDYDAQGF	ELPSASDTRKLMYSMMNER	80
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLS	AGVPPMVRIDGVRKLGVP	AFTHSDVHRLIFEIMNDAQR	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLS	AGVPPMVRIDGVRKLGVP	AFTHSDVHRLIFEIMNDAQR	76
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLS	SGISPMIRVHGD	MRRINLPEMSAEVGNM	76
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLS	SGISPMIRVHGD	MRRINLPEMSAEVGNM	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLH	ISAGMPPMIRVDGDLR	KINLPLEHKDVIKI	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLH	ISAGMPPMIRVDGDLR	KINLPLEHKDVIKI	76
NTDB id 38996 MPQ RS03160 WP 013441454.1	MDISDLLAFSVKNKASDLHLS	AGMPPMIRVHGDVR	KINLP	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLS	SGLPPMIRVDGDVRR	INLPAMDHKQVHALI	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLS	AGLPPMIRVDGDVRR	INLPLEHKQVHALI	76
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLS	AGIPPMIRVDGEVRR	INLPAMDHSEVHNLI	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLS	AGMPPMIRVDGEVRR	INLP	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLS	AGMPPMIRVDGEVRR	INLP	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLS	AGMPPMIRVDGEVRR	INLP	76
consensus	*****!*****	*!*****!*****	*****	*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	NVARFRVNAF	NQNRGAGAVERT	PSYLTLELGLPIFKKIA	RGVLVTGPTGSGKSTTLAAMDYIN	TRYHI	153
NTDB id 1203 PSJM300 01605 AFN76401.1	GIGRFRVSAFYQRNLAGMVL	RIETNIPTIEDLKLPDVL	KKLALTKRGLVLFV	GATGTGKSTSLAAM	IGYRNKNSSGHI	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFYQRDM	PGMVIRRIETKIPSP	DDLHLPPILKELAM	SKRGIIIFSGATGTG	KSTSLASMIQHRNQ	156
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQRGNV	GGVMRLIPTTVRTIA	EMGLPQTVIDIAN	APRGLVLVTGPTG	SGKSTTLASMI	159
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQARGCS	AVFRTIPTVTIPTLE	QLDAPEIFSKIAN	YEKGLVLVTGPTG	SGKSTTLAAMV	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQARGCS	AVFRTIPTVTIPTLE	QLDAPEIFSKIAN	YEKGLVLVTGPTG	SGKSTTLAAMV	155
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNI	GRGPAAVFRTIPST	VLSLEELKAPSIFQ	KIAESPRGMVLVT	GPTGSGKSTTLA	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNT	GRGPAAVFRTIPST	VLSLEELKAPSIFQ	KIAESPRGMVLVT	GPTGSGKSTTLA	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQ	SRGAAAVFRTIPSE	ILSMEDLGLPPIFK	EMASFSRGLVLVT	GPTGSGKSTTLA	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQ	SRGAAAVFRTIPSE	ILSMEDLGLPPIFK	EMASFSRGLVLVT	GPTGSGKSTTLA	155
NTDB id 38996 MPQ RS03160 WP 013441454.1	N.LARFRVNAFNQ	NRGAGAVFRTIPSK	ILSMEELNCPPIF	REIAQNPRGIVLVT	GPTGSGKSTTLA	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQ	NRGAGAVFRTIPSK	VLTMEDLGMGEVFR	KITDVP	RGLVLVTGPTG	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQ	NRGAGAVFRTIPSK	VLTMEDLGMGEVFR	KITDVP	RGLVLVTGPTG	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.LARFRVNVFNQ	NRGAGAVFRTIPSK	VLTLEELGLGKIFR	DICDYPRGLVLVT	GPTGSGKSTTLA	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQ	NRGAGAVFRTIPSK	VLTMEDLGLGQIFK	DICDYPRGIVLVT	GPTGSGKSTTLA	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQ	NRGAGAVFRTIPSK	VLTMEDLGLGQIFK	DICDYPRGIVLVT	GPTGSGKSTTLA	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQ	NRGAGAVFRTIPSK	VLTMEDLGLGQIFK	DICDYPRGIVLVT	GPTGSGKSTTLA	155
consensus	*!!!!!!*	*****!*****	*****	*****	*****	!!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHQS	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	233
NTDB id 1203 PSJM300 01605 AFN76401.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	236
NTDB id 1307 DR RS10055 WP 010888596.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	239
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 38996 MPQ RS03160 WP 013441454.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTIVEDPIEFVH	KKCLINQREVHDTLSF	ALRSALREDPDYILVGE	MRDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
consensus	***!!!!!!*	*****!!!!**	* *	!!!!**!!**!!*!!*!!*!!*	!!!!**!!**!!*!!*!!*!!*	!!!!**!!	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	316
NTDB id 1307 DR RS10055 WP 010888596.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	319
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1086 NMV RS00245 WP 002218487.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	315
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 38996 MPQ RS03160 WP 013441454.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	315
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRIIDVFP	AEEKMVR	SMSES	LAVISQ	LLKK	NGGGRVAAHEIM	IGTPAIRN	IRENKYAQMYS	IQTGA	AHGMQ	314
consensus	***!*****	*****!!!!**	*****	!!!!**	*****	!!!!**	*****!!!!**	*****	*****	!!!!**	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSAD.SANDLR.LMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHAD.SSNDLR.LMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSYADALKHAD.SPNNLR.LQIKLSEEANKPLDNRRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLLITYDKGLERAI.DPKEFARLANDASAGLG....GASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQ.NSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQ.NSESMSF.....	347
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAAL.NKSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAAL.NKSLF.....	344
NTDB id 38996 MPQ RS03160 WP 013441454.1	TLDQNLQELVKRNIISVGEARGKAA.NKESFGG.....	347
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLLAKGLISRDSAKEKAK.QPENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQSLKGLLAKGLISRDSAKEKAK.QPENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLLAKGLISRDSAKEKAK.QPENF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAK.QPESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAK.QPESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAK.QPESFL.....	345
consensus	!*** * !* ***** * *	

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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 1307 DR RS10055 WP 010888596.1	AAPATPAAPAAGRSEPGRAGGFGR	418
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	345
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	.....	344
NTDB id 38996 MPQ RS03160 WP 013441454.1	.....	347
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.....	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		

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved