

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVGA	153
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGSDDLFI	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFI	156
NTDB id 332317 EJ065 RS30155 WP 128798854.1	...MANLHQLLKAMVEKGSDDLHI	159
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIT	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHL	155
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHL	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLS	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLS	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFVNKSSDLHI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFVNKSSDLHI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGASDLHLS	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLS	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLS	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLS	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLS	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLS	155
consensus	*** **!****** *!******!*****!***** * * ** ********** ***** *! *****	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	..S	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G.	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNER	156
NTDB id 332317 EJ065 RS30155 WP 128798854.1	G.	156
NTDB id 1307 DR RS10055 WP 010888596.1	D.	159
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.	155
NTDB id 1086 NMV RS00245 WP 002218487.1	N.	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.	155
consensus	* ****!!*!!*!!* * * *****!***** ***** ***** **** *****!*****!***** *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTVEDPIEFVHEHKKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRRETMEYAMTFAETGHL	233
NTDB id 1203 PSJM300 01605 AFN76401.1	ISIEDPIEFITHQHQCIVTQREVGLDTDSFEVALKNTLRQAPDVILIGEVRTRETMHDHVAFAETGHLCLATLHANNANQ	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFIEHAGCIITQREVGLDTDSFEIALKNTLRQAPDVILIGEIRSRREVMYALAFATGHLVFAATLHANNANQ	236
NTDB id 332317 EJ065 RS30155 WP 128798854.1	MTIEDPIEYLLPHKNCCLVNQREVGAATRNFKTALKYILRQDPDIVLVGELRDLETIEAALTIAETGHTCYATLHTNSAVQ	236
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHPNKASTINQREVGSDTLSFDDALRAALRQAPDVILVGMERDYEYTIKAAVTAAETGHLVMGTLHTNSAPE	239
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGMERDPETIGLALTAETGHLVFGTLHTTGAAG	235
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGMERDPETIGLALTAETGHLVFGTLHTTGAAG	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGLERDQETISLALTAETGHLVFGTLHTSSAAK	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGLERDQETISLALTAETGHLVFGTLHTSSAAK	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIIILVGLERDLETIRLAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIIILVGLERDLETIRLAMTAAETGHLVFGTLHTNSATK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHESKKCLVNQREVHRDITLGFSEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHESKKCLVNQREVHRDITLGFSEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEPKKCLINQREVHRDITLGFNEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSKKCLINQREVHRDTHGTFNEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSKKCLINQREVHRDTHGTFNEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSKKCLINQREVHRDTHGTFNEALRSALREDPDIIILVGMERDLETIRLALTAETGHLVFGTLHTTSAAG	235
consensus	***!!!!!!*! *****!!!!!!*! *! !!!!!!!*!!*!!*!!*!!*! !** *!*****!!!!!!*****!!!!!!**	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TIDRIIDVFPAAEEKMVRMLSESIAVISQQLKKGGGRVAAHEIMLSTPAIRNLREKQYQMSIQTGAAGM	312
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRIINFFPADRQNVWMDLSLNLKAVIAQQLLRDKNGKGRHGVFEVLINSPRIADLIIRGELHELKATMARSQE.VGM	314
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIHFFDADRHHQIFMDLSLNLKAVISQQLIPTHDGGSRRAAVEVLINTPLAADLIRKGEVHELKGLMKRSTD.LGM	315
NTDB id 332317 EJ065 RS30155 WP 128798854.1	TINRVLDVFPFPYQPPQVRAQLSFVLEGVMSQALVAKQGAPGRVLALEVMVNPNAIRNLIREDKVHQIYSSMQVGGQAKYGM	316
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIVDVFPPEEQQEQRVQLANNLVAVMTQQLPRADGGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAR.EGM	318
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIVDVFPAGEKEMVRMSLSESLTAVISQNLKTHDGNRGRVASHEILIANPAVRNLIRENKITQINSVLQTGQA.SGM	314
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIVDVFPAGEKEMVRMSLSESLTAVISQNLKTHDGNRGRVASHEILIANPAVRNLIRENKITQINSVLQTGQA.SGM	314
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFPDSDKDMVRMSLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAA.HGM	313
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFPDSDKDMVRMSLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAA.HGM	313
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDVFPAAEEKSMVRMSLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQA.KGM	313
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDVFPAAEEKSMVRMSLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSIIQTGQA.KGM	313
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVVDVFPAAEEKSMVRMSLSESLQAVISQTLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGGS.LGM	313
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDRVVDVFPAAEEKAMVRMSLSESLQSVISQTLKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSIIQTGGS.LGM	313
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIIDVFPAAEKDMVRTMLSESLQAVISQTLKK.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSIIQTGAT.HGM	313
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGAN.HGM	313
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGAN.HGM	313
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVIDVFPAAEKDMVRAMLSESLQAVISQTLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSIIQTGAN.HGM	313
consensus	***!**********! *!***! *****! !*** *****!*****!***** *****!!* ***** *****! !	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSL..QNV.KIDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGE.HLTSVS...QGL.TLEMSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLSEEANKP.LDNRERM..SEM.ERKMTFDGQRRNLK.....	383
NTDB id 332317 EJ065 RS30155 WP 128798854.1	QTFNQALAALLARRLISQDEAFGRSSDPEELRNILAT.GGGPGGAQRPAG.....GAG.....	368
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRRHLYTYDKGLERAIDPKEFARLANDASAGLGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPAT	398
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAARRRAQNSEMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDDSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDDMLKGLVAKGLISRREAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQLKQLLAKGLIINLPTARAVAKSP.ESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
consensus	*!*** * !* ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	PAAPAAGRSEPRAGGFGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 332317 EJ065 RS30155 WP 128798854.1	AR	370
NTDB id 1307 DR RS10055 WP 010888596.1	PAAPAAGRSEPRAGGFGRR	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 GC085 RS10305 WP 010947729.1	.....	344
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 1060 ABD1 RS04380 WP 000355489.1	.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.....	345
consensus		

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