

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLITHKASDLYITVGA	153
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGV	156
NTDB id 353128 E4U79 RS04310 WP 001055622.1	MNMEEIVALSVKHNVSDDLHLCSA	152
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITILAA	159
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSG	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSG	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSG	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSG	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAG	155
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSS	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSS	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSS	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSS	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSS	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSS	155
consensus	*** ***** *!***** ***** ***** *	!!*****

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	..SGRFRVSAFFQRELP	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G.IGRFRVSAFYQRNL	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFYQR	156
NTDB id 353128 E4U79 RS04310 WP 001055622.1	E.NQRRLRGS	152
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQR	159
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNIG	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNT	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQA	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQA	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQ	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQ	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQ	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQ	155
NTDB id 1020 ACIAD RS04210 WP 01182164.1	N.LARFRVNAFNQ	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQ	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQ	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQ	155
consensus	* **!*!*!*!*!* * * ***** ***** ***** *	!!*****!!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHEH	KRCIVTQREVGLDTES	YEVALKNSLRQAPDMILIGE	IRSRETMEYAMTFAETGHL	CMATLHANNANQ	233
NTDB id 1203 PSJM300 01605 AFN76401.1	TSIEDPIEFTHQHQC	IVTQREVGLDTSFEVAL	KNTLRQAPDVILIGEVR	TRETMHDHAVAFAETGHL	CLATLHANNANQ	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFHHEHAG	CIITQREVGLDTSFEI	ALKNTLRQAPDVILIGE	IRSREVMYALAFATGHL	VFATLHANNANQ	236
NTDB id 353128 E4U79 RS04310 WP 001055622.1	LTLEDPIEYLYASQ	RCLIQREITGLHCM	TFASGLRAALREDPDV	ILLGELRDSSETIRLAL	TAAETGHLVLA	232
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHPNK	ASTINQREVGSDTLS	FDDALRAALRQAPDV	ILVGMERDYEITIKAA	VTAETGHLVMGTL	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSK	KSLINQRELHQHTLS	FSFANALRSALREDPD	VILVGMERDPETIGL	ALTAETGHLVFGTL	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSK	KSLINQRELHQHTLS	FSFANALSSALREDPD	VILVGMERDPETIGL	ALTAETGHLVFGTL	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIEDPIEFVHSNN	KCLINQREVHRDTHS	FKNALRSALREDPDV	ILVGLERDQETISL	ALTAETGHLVFGTL	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIEDPIEFVHSNN	KCLINQREVHRDTHS	FKNALRSALREDPDV	ILVGLERDQETISL	ALTAETGHLVFGTL	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSK	KCLVNQREVHKDTLS	FSFANALRSALREDPD	IILVGLERDLETIR	LAMTAETGHLVFGTL	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSK	KCLVNQREVHKDTLS	FSFANALRSALREDPD	IILVGLERDLETIR	LAMTAETGHLVFGTL	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHES	KKCLVNQREVHRD	TGTFSEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHES	KKCLVNQREVHRD	TGTFSEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEP	KKCLINQREVHRD	TGTFNEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSK	KCLINQREVHRDTHG	FNEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSK	KCLINQREVHRDTHG	FNEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSK	KCLINQREVHRDTHG	FNEALRSALREDPD	IILVGMERDLETIR	LALTAETGHLVFGTL	235
consensus	***!!*!***					*****!!*!***

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TIDRIIDVFP	AEEKMVRMLSES	LAVISQQLKK	GGGRVAAHEIM	IGTGA	313
NTDB id 1203 PSJM300 01605 AFN76401.1	ALERTIHIVPKE	QREQFLLDLSLNLK	GVIAQQLLR	DKNGKGRHGVFEVL	INSPRIADLI	315
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ALDRIINF	FPADRQNVWMDLS	LNKATVAQQLV	PTPDGKGRR	AVIEVLINTPL	316
NTDB id 353128 E4U79 RS04310 WP 001055622.1	TLERIIHFFD	ADRHHQIFMDLS	LNKAVISQQLI	PTHDGQSRRA	AVEVLINTPL	311
NTDB id 1307 DR RS10055 WP 010888596.1	AVERLVDS	SFPAQEKDPVRN	QLAGSLRAVLS	QKLEVDKQEG	RVALFELLIN	319
NTDB id 1086 NMV RS00245 WP 002218487.1	SIDRIVDV	FPPEEQEQIRV	QLANNLVAVMT	QQLLRADGGQ	GRVLAYEILL	315
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIVDV	FPAGEKEMVRS	MLESSTAVISQ	NLLKTHDGN	GRVASHEIL	315
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDV	FPGSDDKDMVRS	MLESRLAVIA	AQKLLKR	VGGGRVACHE	314
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDV	FPGSDDKDMVRS	MLESRLAVIA	AQKLLKR	VGGGRVACHE	314
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDV	FPAAEEKSMVRS	MLESRLQAVVA	QSLLKK	NKGGRVAALE	314
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDV	FPAAEEKSMVRS	MLESRLQAVVA	QSLLKK	NKGGRVAALE	314
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVVDV	FPAAEEKSMVRS	MLESRLQAVISQ	TLLKK	VGGGRVAAHE	314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TIDRVVDV	FPAAEEKAMVRS	MLESRLQAVISQ	TLLKK	IGGGRVAAHE	314
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TIDRIIDV	FPAAEKDMVRT	MLSESLQAVISQ	TLLKK	EGGGRVAAHE	314
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TIDRVVDV	FPAAEKDMVR	AMLSESLQAVISQ	TLLKK	NKGGRVAAHE	314
NTDB id 1040 HON27 RS13360 WP 000355489.1	TIDRVVDV	FPAAEKDMVR	AMLSESLQAVISQ	TLLKK	NKGGRVAAHE	314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TIDRVVDV	FPAAEKDMVR	AMLSESLQAVISQ	TLLKK	NKGGRVAAHE	314
consensus	***!*****					*****!!*

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSE.TDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRRERMSEMER.....KMTFDGQRRNLK....	383
NTDB id 353128 E4U79 RS04310 WP 001055622.1	TFQQSYQQRVGEGRLL.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG....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	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLLAKGLISRDSAKEKAKQP.ENF.....	345
consensus	!*** * ** ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPCGRACCFGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 353128 E4U79 RS04310 WP 001055622.1	.....	326
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAAGRSEPCGRAGGFGRR	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 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