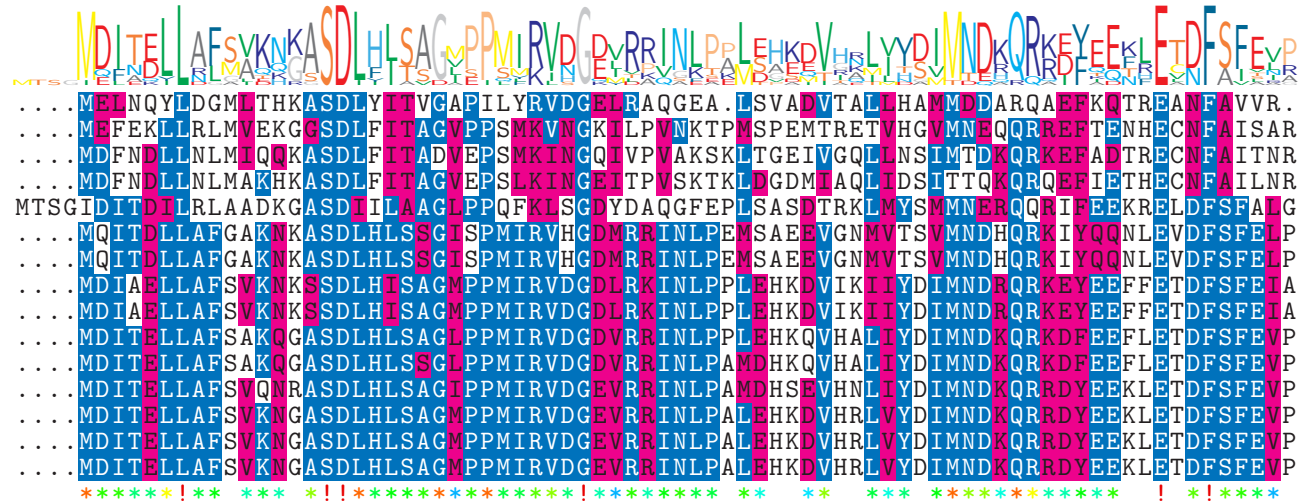


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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 371015 FK537 RS11205 WP 005179770.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 1307 DR RS10055 WP 010888596.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1194 PAKAF RS01995 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

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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 371015 FK537 RS11205 WP 005179770.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHEH	KRCIVTQREVGLDTES	YEVALKNSLRQAPDMILIGEIRSR	RETMEYAMTFAETGHL	CMATLHANNANQ	233
NTDB id 1203 PSJM300 01605 AFN76401.1	TSIEDPIEFTHQHQC	IVTQREVGIDTDSFEVAL	KNTLRQAPDVILIGEVRTRETMDH	AVAFaETGHLCLATLHANNANQ		235
NTDB id 371015 FK537 RS11205 WP 005179770.1	ITIEDPIEFVHEHAGC	IITQREVGIDTDSFEVAL	KNTLRQAPDVILIGEIRSR	RETMDYAIaFAETGHLVFA	TLHANNANQ	236
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ITIEDPIEFTHHEAGC	IITQREVGIDTDSFEVAL	KNTLRQAPDVILIGEIRSR	REVMYALaFAETGHLVFA	TLHANNANQ	236
NTDB id 1307 DR RS10055 WP 010888596.1	LTIEDPIEFMHPNKAS	IINQREVGSDTLSFDDALRA	ALRQAPDVILVGMERDYE	TIKAaVTAAETGHLVMGTLHT	NSAPE	239
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIEDPIEFVHQSKKSL	INQRELHQHTLSFANAL	SSALREDPDVILVGMERDP	PETIGLALTAaETGHLVFGTLHT	TGAAG	235
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIEDPIEFVHQSKKSL	INQRELHQHTLSFANAL	RSALREDPDVILVGMERDP	PETIGLALTAaETGHLVFGTLHT	TGAAG	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTVEDPIEFVHQSKKCL	VNQREVHKDTLSFNA	ALRSALREDPDIILVGL	LRDLETIRLAMTaAETGHLVFGTLHT	NSATK	235
NTDB id 1259 GC085 RS10305 WP 010947729.1	LTVEDPIEFVHQSKKCL	VNQREVHKDTLSFNA	ALRSALREDPDIILVGL	LRDLETIRLAMTaAETGHLVFGTLHT	NSATK	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIEDPIEFVHESKKCL	VNQREVHRDTLGFSE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIEDPIEFVHESKKCL	VNQREVHRDTLGFSE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTVEDPIEFVHEPKKCL	INQREVHRDTLGFNE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHGFNE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHGFNE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTVEDPIEFVHQSKKCL	INQREVHRDTHGFNE	ALRSALREDPDIILVGM	ERDLETIRLALTAaETGHLVFGTLHT	TSAAG	235
consensus	***!!!!!!*	*****!!!!*	!* *	!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*!!!!!!*	*! *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TIDRIIDVFPAEEK	MVRMLSES	QAVISQQL	LKK	NGGGRVAAHEIMIGTPAIRNL	IREKVAQMYSS	IQTG	GMQ	313
NTDB id 1203 PSJM300 01605 AFN76401.1	ALERTIHLPKEQ	REQFLDLSLNLKGVIA	QQLLR	DKNGKGRHGVFEVLL	NSPRIADLIRGEL	HELKAT	MARSQEV	GMQ	315
NTDB id 371015 FK537 RS11205 WP 005179770.1	ALDRIINFFPAD	RQNVWMDLSLNLKA	IVAQQLVPTPD	GKGRRAVIEVL	INTPLAADLIRKGEV	HELKGLMKRST	DLGMQ		316
NTDB id 1019 ACIAD RS04205 WP 004922051.1	AIDRIIHFFEADR	HGQLFMDLSLNLKA	IVAQQLIPTID	GNSRRAAIELL	INSPLVSDLIRKGDV	HEIKDLMKRS	RELGMQ		316
NTDB id 1307 DR RS10055 WP 010888596.1	TLERIIHFFDADR	HQQIFMDLSLNLKA	AVISQQLIPTHD	GQSRRAAVEVL	INTPLLSDYIRQGEI	YKIKELMARS	GELGMQ		316
NTDB id 1116 NGFG RS10615 WP 003690200.1	SIDRIVDVFP	EEQEQIRVQLANNL	VAVMTQQLLP	RADGQGRVLAYEILL	ANPAVRALIREGK	TFQITSVMQT	GAREGMV		319
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIVDVFP	PAGEKEMVRSML	SESLTAVISQ	NLLKTHDGN	GRVASHEILIAN	PAVRNLIRENK	ITQINSVL	QTGGASGMQ	315
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TVDRIVDVFP	PAGEKEMVRSML	SESLTAVISQ	NLLKTHDGN	GRVASHEILIAN	PAVRNLIRENK	ITQINSVL	QTGGASGMQ	315
NTDB id 1259 GC085 RS10305 WP 010947729.1	TINRIIDVFPAEEK	SMVRSMLSESLQ	AVVAQSLLK	.NKGGRVAA	LEIMMCTGAIRNL	IREDKIAQMYSS	IQTGQAKGMQ		314
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TINRIIDVFPAEEK	SMVRSMLSESLQ	AVVAQSLLK	.NKGGRVAA	LEIMMCTGAIRNL	IREDKIAQMYSS	IQTGQAKGMQ		314
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consensus	***!*****	*** *!***!	*****!	!***	* *!***!	*****	*****!!* *	*** * * * * *	!!*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDYGGSLQNVKIDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETD..GEHLTSVSQG..LTL..EMSDDDPGRSFR.....	381
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NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGGLIAPEVARRRAQNSEMSF.....	347
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNKSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNKSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKIPENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCCLKGLIAKGLISRDSAKEKAKQPENF.....	344
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consensus	!*!* ! !* ***!* * ! * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
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NTDB id 1259 GC085 RS10305 WP 010947729.1		344
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consensus		

- non conserved
- similar
- ≥ 50% conserved