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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 1307 DR RS10055 WP 010888596.1
NTDB id 23195 BD RS17630 WP 011166152.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
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 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
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 HQN27 RS13360 WP 000355489.1
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[illegible]

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NTDB id 1177 A1552VC RS01165 WP 000422572.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HQN27 RS13360 WP 000355489.1
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[illegible]

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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	ISIEDPIEFTHQHQC	IVTQREVGIDTDSFEVAL	KNTLRQAPDVILIGEVRT	TRETMHDHAVAFAETGHL	CLATLHANNANQ	235
NTDB id 1019	ACIAD	RS04205	WP 004922051.1	ITIEDPIEFHEHAGCI	ITQREVGIDTDSFEIAL	KNTLRQAPDVILIGEIRS	REVMDYALAFATGHLVFA	TLHANNANQ	236
NTDB id 1307	DR	RS10055	WP 010888596.1	LTIEDPIEFMHPN	KASIIINQREVGS	DTLSFDDALRAALRQAPD	VILVGE MRDYETIKA	AVTAAETGHLVMTLHT	NSAPE
NTDB id 23195	BD	RS17630	WP 011166152.1	ITVEDPIEFVHPNL	KSLVNQREVGSHTK	SFANALKAALREDPDILL	VGELRDLETISLALTA	AETGHTVFGTLHT	NSAAK
NTDB id 1116	NGFG	RS10615	WP 003690200.1	LTIEDPIEFVHQSK	KSLSINQRELHQHT	LSFANALSSALREDPDV	ILVGE MRDPETIGL	ALTAETGHLVFGTLHT	TGA
NTDB id 1086	NMV	RS00245	WP 002218487.1	LTIEDPIEFVHQSK	KSLSINQRELHQHT	LSFANALRSALREDPDV	ILVGE MRDPETIGL	ALTAETGHLVFGTLHT	TGA
NTDB id 1185	GTF74	RS11940	WP 000350195.1	LTIEDPIEFVHSNN	KCLINQREVHRDTH	SFKNALRSALREDPDV	ILVGE LR	QETISLALTAETGHL	VFGTLHTSSAAK
NTDB id 1176	A1552VC	RS01160	WP 000350195.1	LTIEDPIEFVHSNN	KCLINQREVHRDTH	SFKNALRSALREDPDV	ILVGE LR	QETISLALTAETGHL	VFGTLHTSSAAK
NTDB id 1283	ACE17W	RS02630	WP 010947729.1	LTVEDPIEFVHQSK	KKCLVNQREVHK	DTLSFNAALRSALREDPD	ILVGE LR	DLLETIRLAMTAAETGHL	VFGTLHTNSATK
NTDB id 1259	GCO85	RS10305	WP 010947729.1	LTVEDPIEFVHQSK	KKCLVNQREVHK	DTLSFNAALRSALREDPD	ILVGE LR	DLLETIRLAMTAAETGHL	VFGTLHTNSATK
NTDB id 1202	PSJM300	01600	AFN76400.1	LTIEDPIEFVHES	KKCLVNQREVHR	DTLGFSEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
NTDB id 1194	PAKAF	RS01995	WP 003084552.1	LTIEDPIEFVHES	KKCLVNQREVHR	DTLGFSEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
NTDB id 1020	ACIAD	RS04210	WP 011182164.1	LTVEDPIEFVHEP	KKCLINQREVHR	DTLGFNEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
NTDB id 1081	FDQ49	RS05335	WP 006581387.1	LTVEDPIEFVHQSK	KKCLINQREVHR	DTLGHFNEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
NTDB id 1060	ABD1	RS04380	WP 000355489.1	LTVEDPIEFVHQSK	KKCLINQREVHR	DTLGHFNEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
NTDB id 1040	HON27	RS13360	WP 000355489.1	LTVEDPIEFVHQSK	KKCLINQREVHR	DTLGHFNEALRSALREDPD	ILVGE MR	DLLETIRLALTAETGHL	VFGTLHTTSA
consensus				***!!!!!!*	*****!!!!**	* *	!!!!**!!**!!**!!**!!**	!*	*!*****!!!!*****!!!!**

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NTDB id 1177	A1552VC	RS01165	WP 000422572.1	TIDRIIDVFP	AEEKMVRMLSES	LQAVISQQLLKK	GGGRVAAHEIM	LATPAIRNLIRE	KYQMS	IQTGA	GMQ	313
NTDB id 1203	PSJM300	01605	AFN76401.1	ALERTIHIVPKE	QREQFLLDLSLNL	KGVIAQQLLR	DKNGKGRHGVFEVL	LNSPRIADLIRRGEL	HELKATMARS	QEVGMQ		315
NTDB id 1019	ACIAD	RS04205	WP 004922051.1	ALDRIINFFPAD	RQNVWMDLSLNL	KAIVAAQLV	PTPDGKGRR	AVIEVLINTPL	AADLIRKGEV	HELKGLMKR	STDLGMQ	316
NTDB id 1307	DR	RS10055	WP 010888596.1	TLERIIHFFDADR	HQQIFMDLSLNL	KAVISQQLIP	THDGGSRRA	AVEVLINTPL	LLSDYIRQGEI	YKIKELMARS	GELGMQ	316
NTDB id 23195	BD	RS17630	WP 011166152.1	SIDRIVDVFP	EEQEQIRVQL	ANNLVAVMTQ	QLLP	RADGGQGRV	LAYEILLANPA	VRALIREGK	TFQITSVMQT	GAREGMV
NTDB id 1116	NGFG	RS10615	WP 003690200.1	TIDRIIDVFP	AGQQQIR	TMLAESLRGV	VAQTLFSRAD	GGQGRVAA	YEIMRN	TKAISNLV	REGKVHQIP	SAMQTGATQGMV
NTDB id 1086	NMV	RS00245	WP 002218487.1	TVDRIVDVFP	AGEKEMVRS	MLES	SLTAVISQ	NLLKTHDGN	GRVASHEILIAN	PAVRNLIREN	KITQINSV	LQTGGASGMQ
NTDB id 1185	GTF74	RS11940	WP 000350195.1	TIDRIIDVFP	GSDDKMVRS	MLES	SLRAVIAQKLLK	R.VGGGRV	ACHEIMLAT	PAIRNLIRE	DKVAQMSY	IIQTGA
NTDB id 1176	A1552VC	RS01160	WP 000350195.1	TIDRIIDVFP	GSDDKMVRS	MLES	SLRAVIAQKLLK	R.VGGGRV	ACHEIMLAT	PAIRNLIRE	DKVAQMSY	IIQTGA
NTDB id 1283	ACE17W	RS02630	WP 010947729.1	TINRIIDVFP	AEEKSMVRS	MLES	SLQAVVAQSLLK	K.NKGGRV	AALEIMMCTG	AIRNLIRE	DKIAQMYSS	IIQTGQAKGMQ
NTDB id 1259	GCO85	RS10305	WP 010947729.1	TINRIIDVFP	AEEKSMVRS	MLES	SLQAVVAQSLLK	K.NKGGRV	AALEIMMCTG	AIRNLIRE	DKIAQMYSS	IIQTGQAKGMQ
NTDB id 1202	PSJM300	01600	AFN76400.1	TIDRVVDVFP	AEEKSMVRS	MLES	SLQAVISQTL	LLK.VGGGRV	AAHEIMIGT	PAIRNLIRE	DKVAQMYSS	IIQTGGS
NTDB id 1194	PAKAF	RS01995	WP 003084552.1	TIDRVVDVFP	AEEKAMVRS	MLES	SLQSVISQTL	LLK.IGGGRV	AAHEIMIGT	PAIRNLIRE	DKVAQMYSA	IIQTGGS
NTDB id 1020	ACIAD	RS04210	WP 011182164.1	TIDRIIDVFP	AEEKDMVRT	MLES	SLQAVISQTL	LLK.EGGGRV	AAHEIMIGI	PAIRNLIRE	GKVAQMYSS	IIQTGATHG
NTDB id 1081	FDQ49	RS05335	WP 006581387.1	TIDRVIDVFP	AEEKDMVR	AMLSES	LQAVISQTL	LLK.NGGGRV	AAHEIMIGI	PAIRNLIRE	NKVAQMYSA	IIQTGANH
NTDB id 1060	ABD1	RS04380	WP 000355489.1	TIDRVIDVFP	AEEKDMVR	AMLSES	LQAVISQTL	LLK.NGGGRV	AAHEIMIGI	PAIRNLIRE	NKVAQMYSA	IIQTGANH
NTDB id 1040	HON27	RS13360	WP 000355489.1	TIDRVIDVFP	AEEKDMVR	AMLSES	LQAVISQTL	LLK.NGGGRV	AAHEIMIGI	PAIRNLIRE	NKVAQMYSA	IIQTGANH
consensus				***!*****	*****!!!!**	*****!	!***	***!*****!*****	*****!*	*****	*****	! !*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLK.TKRGDDY...GSGS..LQNV.KIDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSVS...QGL.TLEMSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSYADALKHADSPNNLRLQIK.LSEEANKPLDNRR..MSEM.ERKMTFDGQRRNLK.....	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLLITYDKGLERAIDPKEFARLANDASAGLGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATP	399
NTDB id 23195 BD RS17630 WP 011166152.1	LFKEYIEDLVKKGKVSAAADAKTFLGQAGGGDT...SVQTMGGAPAGGPRTKVG.....	367
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGGLIAPEAAARRRAQNSEMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGGLIAPEVARRRAQNSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	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	TLDSCCLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRENAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQP.ESFL.....	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	AAPAAGRSEPGRAGGFGRR	418
NTDB id 23195 BD RS17630 WP 011166152.1	.....	367
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 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