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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 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
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 205132 BM525 RS13940 WP 012519493.1
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 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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	M	D	I	T	E	L	A	F	S	V	K	N	G	A	S	D	L	H	S	A	G	V	P	P	M	R	V	D	G	E	V	R	R	I	N	L	P	A	L	E	H	K	D	V	H	R	L	V	Y	D	I	M	N	D	R	Q	R	K	E	Y	E	E	K	L	E	T	D	F	S	F	E	V	P			
MTSG	E	F	E	K	L	L	R	L	M	V	E	K	G	S	D	L	F	I	T	A	G	V	P	P	S	M	K	V	N	G	K	I	L	P	V	N	K	T	P	M	S	P	E	M	T	R	E	T	V	H	G	V	M	N	E	Q	Q	R	R	E	F	T	N	H	E	C	N	F	A	I	S	A	R			
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MTSGI	D	I	T	D	I	L	R	L	A	A	D	K	G	A	S	D	I	L	A	A	G	L	P	Q	F	K	L	S	G	D	Y	A	G	F	E	P	L	S	A	D	T	R	K	L	M	Y	S	M	N	N	R	Q	J	R	I	F	E	E	K	L	E	D	F	S	F	E	L	P								
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NTDB id 1202 PSJM300 01600 AFN76400.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	233
NTDB id 1203 PSJM300 01605 AFN76401.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	236
NTDB id 1307 DR RS10055 WP 010888596.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	239
NTDB id 1086 NMV RS00245 WP 002218487.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1116 NGFG RS10615 WP 003690200.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1185 GTF74 RS11940 WP 000350195.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1176 A1552VC RS01160 WP 000350195.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1283 ACE17W RS02630 WP 010947729.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
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NTDB id 205132 BM525 RS13940 WP 012519493.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1202 PSJM300 01600 AFN76400.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1194 PAKAF RS01995 WP 003084552.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1020 ACIAD RS04210 WP 011182164.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1060 ABD1 RS04380 WP 000355489.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1040 HON27 RS13360 WP 000355489.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	LTIVEDPIEFVHQS	KKCLINQREVH	DTSEFNEALRSALREDPDYILVGE	RDLETIRLALTA	AETGHLVFGTLHT	TSAAK	235
consensus	***!!!!!!	*****!!!!!!	* * !!!!!!!	*****!!!!!!	*****!!!!!!	*****!!!!!!	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLR	DKNGKGRHGVFEVLINSPRIADLI	RRGELHELKATMARSQEVGMQ	313			
NTDB id 1203 PSJM300 01605 AFN76401.1	ALDRRIINFFPADRQNNQVWMDLSLNLKATVAQQLV	PTPDGKGRRRAVIEVLINTPLAADLIRKGEVHELKGLM	KRSTDLGMQ	315			
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TLERIIHFFDADRHHQIFMDLSLNLKAVISQQLIP	THDGGSRRAAVEVLINTPLLSDIYIRGELYKIKELMARS	GELGMQ	316			
NTDB id 1307 DR RS10055 WP 010888596.1	SIDRIVDVFPPEEQEQEIRVQLANNLVAVMTQQLLP	RADGQGRVLAYEILLANPAVRALIREGKTFQITSVM	QTGAREGMV	319			
NTDB id 1086 NMV RS00245 WP 002218487.1	TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNL	LKTHDGNGRVASHEILIANPAVRNLIRENKITQINS	SVLQTGGASGMQ	315			
NTDB id 1116 NGFG RS10615 WP 003690200.1	TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNL	LKTHDGNGRVASHEILIANPAVRNLIRENKITQINS	SVLQTGGASGMQ	315			
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR	.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSII	QTGAHGMQ	314			
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR	.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSII	QTGAHGMQ	314			
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TINRIIDVFPAAEEKSMVRSMLSESLQAVVAQSLKK	.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSII	QTGQAKGMQ	314			
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NTDB id 205132 BM525 RS13940 WP 012519493.1	TIDRIIDVFPAAEEKAMVRSMLSESLRAVISQTLLKK	.VGGGRVAAHEIMVGIPAIRNLIREDKVPQMYSVI	QTGQAHGMQ	314			
NTDB id 1202 PSJM300 01600 AFN76400.1	TIDRVVDVFPAAEEKSMVRSMLSESLQAVISQTLLKK	.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSII	QTGGS LGMQ	314			
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consensus	***!*****	*****!!!!!!	*****!!!!!!	*****!!!!!!	*****!!!!!!	*****!!!!!!	!!*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
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NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRRERMSEMER.....KMTFDGQRRNLK.....	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGL....GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA	395
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELD..LKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELD..LKAF.....	345
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NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELNVNKNIISKHTAHEAALNKSLF.....	344
NTDB id 205132 BM525 RS13940 WP 012519493.1	TMDQCLQRLVAMGVISKEDAAAKSVDKQSMNNF.....	347
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLLAKGIINLPTARAVAKSPESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQPESFL.....	345
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consensus	!*** * !* ***** * *	

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NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
NTDB id 1259 GC085 RS10305 WP 010947729.1		344
NTDB id 205132 BM525 RS13940 WP 012519493.1		347
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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