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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 01088596.1
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 1117255 EJN51 RS02130 WP 003084552.1
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 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
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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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Sequence	Score
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ISIEDPIEFTHQHQNCLVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFATGHLCLATLHANNANQ	235
ITIEDPIEFITHEAGCITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSRREVM DYALAFATGHLVFATLHANNANQ	236
LTIEDPIEFMHPNKASLINQREVGSDDLFSDDLALRALRQAPDVILVGEMRDYETTKAAVTAATGHLVMGTLHTNSAPE	239
LTIEDPIEFVHQSKKSLINQREHLHQHTLSFANALRSALREDPDPETIGLALTAATGHLVFGTLHTTGAAK	235
LTIEDPIEFVHQSKKSLINQREHLHQHTLSFANALSSALREDPDPETIGLALTAATGHLVFGTLHTTGAAK	235
LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDPVILVGELRDQETISLALTAATGHLVFGTLHTSSAAK	235
LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDPVILVGELRDQETISLALTAATGHLVFGTLHTSSAAK	235
LTVEDPIEFVHQSKKCLVQREVHKDTLSFNALRSALREDPDPVILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK	235
LTVEDPIEFVHQSKKCLVQREVHKDTLSFNALRSALREDPDPVILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK	235
LTIEDPIEFVHSEKKCLVQREVHRDTLGFSEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235
LTIEDPIEFVHSEKKCLVQREVHRDTLGFSEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235
LTIEDPIEFVHSEKKCLVQREVHRDTLGFSEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235
LTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235
LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDPVILVGEMRDLETIRLALTAATGHLVFGTLHTTSAAK	235

TIDR	VDVFP	AEEK	MVR	SM	SES	Q	AVISQ	TLLKK	NGGGRVAAH	EIM	GT	PAIRNL	RED	KVAQ	MYS	IQTG	AAH	GMT																																																											
ALERI	LH	VPKE	QRE	QFL	LD	LS	LN	LK	GVIA	QQL	LD	KN	KG	GRH	CV	FEV	L	NS	PR	IA	DL	IR	GE	H	EL	K	A	T	M	A	R	S	Q	E	V	G	M	Q																																							
AL	DR	I	N	F	F	P	A	D	R	Q	N	Q	V	W	M	D	L	S	L	N	L	K	A	T	V	A	Q	Q	L	V	P	T	P	D	C	K	G	R	A	V	I	E	V	L	N	T	P	L	A	A	D	L	R	K	G	E	V	H	E	L	K	G	L	M	K	R	S	T	D	L	G	M	Q				
T	L	E	R	I	H	F	F	D	A	D	R	H	Q	Q	I	F	M	D	L	S	L	N	L	K	A	V	I	S	Q	Q	L	I	P	T	H	D	C	Q	S	R	R	A	A	E	V	L	N	T	P	L	S	D	Y	I	R	G	E	T	Y	K	I	K	E	L	M	A	R	S	G	E	L	G	M	Q			
S	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S	I	T	A	V	I	S	Q	N	L	L	K	T	H	D	C	N	G	R	V	A	S	H	E	I	L	I	A	N	P	A	V	R	N	L	I	R	E	N	K	I	T	Q	I	N	S	V	L	Q	T	G	Q	A	S	G	M	Q
T	I	D	R	I	D	V	F	P	A	E	E	K	M	V	R	S	M	L	S	E	S</																																																								

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVDDKISEQDALHSA	DSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR.....		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRNLK.....		383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDYKGLERAID.PKEFARLA..NDASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA		395
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	TLDQHLTELVNKNIIISKHTAHEAALN.KSLF.....		344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	TLDQHLTELVNKNIIISKHTAHEAALN.KSLF.....		344
NTDB id 1117255 EJN51 RS02130 WP 003084552.1	TLDMCLKGLVAKGLISRAREKAKI.PENF.....		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDMCLKGLVAKGLISRAREKAKI.PENF.....		344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDSCLKGLIAKGLISRDSAKEKAKQ.PENF.....		344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKQLIAKGIINLPTARAVAKS.PESF.....		344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....		345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....		345
consensus	!*** * !* **** * *		

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	PATPAAPAAGRSEPGRAGGFRR	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	PATPAAPAAGRSEPGRAGGFRR	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 GCO85 RS10305 WP 010947729.1		344
NTDB id 1117255 EJN51 RS02130 WP 003084552.1		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1		344
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NTDB id 1040 HON27 RS13360 WP 000355489.1		345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
consensus		

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