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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 1116 NGGF 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 GCO85 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 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 106883 ACKTT1 RS03575 WP 369017502.1
NTDB id 1307 DR RS10055 WP 010888596.1

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logo

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NTDB id 1177 A1552VC RS01165 WP 000422572.1
NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 1307 DR RS10055 WP 010888596.1
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...	MEFEKILRLM	VEKGCSDL	FITAGVPP	SMKVNGK	LIPVINK	TPMSPE	MTRET	VHGMNE	QQRREFT	ENHECN	FAISAR	76					
...	MDFN	DLNLM	AKHKASD	LFI	TAGVEP	SLKINGE	ITPVSK	TCLDGM	IAQLDS	ITTQK	QRQEFIE	THECN	FAILNR	76			
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...	MDITELL	AFSVK	NGASDL	HLSSAG	MPPMIR	VDG	EVRRINLP	P	ALSHK	DVHRL	VYD	IMND	KQRD	YEEK	LETDFS	FEVP	76
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...	MDITELL	AFSVK	NGASDL	HLSSAG	MPPMIR	VDG	EVRRINLP	P	ALSHK	DVHRL	VYD	IMND	KQRD	YEEK	LETDFS	FEVP	76
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...	MDITELL	AFSVK	NGASDL	HLSSAG	MPPMIR	VDG	EVRRINLP	P	ALSHK	DVHRL	VYD	IMND	KQRD	YEEK	LETDFS	FEVP	76
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...	MDITELL	AFSVK	NGASDL														

Sequence	Position 100	Position 101	Position 102	Position 103	Position 104	Position 105	Position 106	Position 107	Position 108	Position 109	Position 110	Position 111	Position 112	Position 113	Position 114	Position 115	Position 116	Position 117	Position 118	Position 119	Position 120	
1	S	G	R	F	R	V	S	A	F	F	Q	R	E	L	P	G	A	V	I	R	R	T
2	L	Q	N	L	A	I	A	K	R	G	L	V	L	V	G	G	A	T	G	S	G	
3	E	K	N	E	R	F	R	V	S	A	F	Q	R	D	M	P	G	M	V	I	R	
4	N	V	A	R	F	R	V	N	A	F	N	T	G	R	G	P	A	A	V	F	R	
5	N	V	A	R	F	R	V	N	A	F	N	I	G	R	G	P	A	A	V	F	R	
6	N	V	G	R	F	R	V	N	A	F	H	Q	A	R	G	S	A	V	F	R	T	
7	N	V	G	R	F	R	V	N	A	F	H	Q	A	R	G	S	A	V	F	R	T	
8	N	L	A	R	F	R	V	N	A	F	N	Q	S	R	G	A	A	V	F	R	T	
9	N	L	A	R	F	R	V	N	A	F	N	Q	S	R	G	A	A	V	F	R	T	
10	G	V	A	R	F	R	V	N	A	F	N	Q	N	R	G	A	A	V	F	R	T	
11	G	V	A	R	F	R	V	N	A	F	N	Q	N	R	G	A	A	V	F	R	T	
12	N	L	A	R	F	R	V	N	V	F	N	Q	N	R	G	A	A	V	F	R	T	
13	N	V	A	R	F	R	V	N	A	F	N	Q	N	R	G	A	A	V	F	R	T	
14	N	V	A	R	F	R	V	N	A	F	N	Q	N	R	G	A	A	V	F	R	T	
15	N	V	A	R	F	R	V	N	A	F	N	Q	N	R	G	A	A	V	F	R	T	
16	N	V	G	R	F	R	V	N	V	Y	R	Q	R	G	S	C	L	A	I	R	A	
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logo

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	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	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
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NTDB	id	106883	ACKTT1	RS03575	WP	369017502.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
consensus						



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NTDB	id	1203	PSJM300	01605	AFN76401.1	
NTDB	id	1019	ACIAD	RS04205	WP	004922051.1
NTDB	id	1116	NGFG	RS10615	WP	003690200.1
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NTDB	id	106883	ACKTT1	RS03575	WP	369017502.1
NTDB	id	1307	DR	RS10055	WP	010888596.1
consensus						



logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVDDDKISEQDALHSA	ADSANLRLMLKTKRGDDY...GSGSLQNVKID.....ME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSN	DLRLMIKLGSETDGEHLTSVS.QGLTLE.....MSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHADSPNNLRL	QIKLSEEANKPLDNRERMSEMERK.....MTFDGQRRNLK....	383
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDQSLQSLVRQCLIAPEAARRRAQNS	ESMSF.....	347
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NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKI	ELDLKAF.....	345
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN	.KSLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN	.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDMCLKGLVAKGLISRENAREKAKI	.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDSCSLKGLLAKGLISRDSAKEKAKQ	.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDQSLKQLLAKGLINLPTARAVAKS	.PESF.....	344
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDQSLKGLVSRGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 106883 ACKTT1 RS03575 WP 369017502.1	ITMDQALFELYQKGLITWESALERA	VDPKELLLWKGK.....	353
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRFHLITYDKCLERA	IDPKEFARLANDASAGL....GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
consensus	*!**** * !* **** * *	* *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPGRAGGFGRR	368
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1		345
NTDB id 106883 ACKTT1 RS03575 WP 369017502.1		353
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAAGRSEPGRAGGFGRR	418
consensus		

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