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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 317339 D7I47 RS04440 WP 405083448.1
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 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
NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
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NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HQN27 RS13360 WP 000355489.1
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PN	VARFRVNAFNQ	RGAGAVFRT	PS	YLT	ME	ED	GLP	IF	KKIA	PRGLVLT	GPT	SGSKST	TLAAM	LDY	IN	TRYD	H
D.	SCRFRVSAFFQRELP	CAVIRRIET	TRIP	TFFEL	KLPE	VLQN	LAI	AKRGLVL	VVGAT	TGSGKST	MAAMT	GYN	QR	HRT	G	152	
RG.	IGRFRVSAFYQRNL	AGMVLRR	RIET	NIPT	IED	LKLPD	VLK	LALTKRGLV	LFV	GATGT	TGKST	SLAAM	IGYN	KN	SSG	154	
REK	NERFRVSAFQQRDM	PMVIRRIET	KIP	SPDD	LHLP	PTIL	KEL	AMSKRG	ITIF	SCATG	TGKST	SLA	SMI	QHR	NQ	155	
SA.	NARFRVNFYQQRG	AIGCAFR	IPIET	KISL	GLQ	VG	PGQ	VEFAKL	PRGLVL	VTGPT	TGSGKST	TLAAL	IDL	VN	TR	153	
GD.	KARFRVNAFMQRGN	VGGVMRL	IP	TTV	RTIA	EMGLP	Q	TVITAN	APRGLV	LV	GTGPT	TGSGKST	TLA	SMID	HN	158	
PN.	VARFRVNAFNTRG	PAAVFRT	TIP	STV	LSLEEL	KAPS	SIFQK	IAESPRG	MVL	VTGPT	TGSGKST	TLAAM	IN	YIN	ET	154	
PN.	VARFRVNAFNIGR	PAAVFRT	TIP	STV	LSLEEL	KAPS	SIFQK	IAESPRG	MVL	VTGPT	TGSGKST	TLAAM	IN	YIN	ET	154	
PN.	VGRFRVNAFHQARG	CSAVFRT	TIP	TVIPT	LEQL	DAPE	IFSK	IANYEK	GLVL	VTGPT	TGSGKST	TLAAM	VN	YV	NA	154	
PN.	VGRFRVNAFHQARG	CSAVFRT	TIP	TVIPT	LEQL	DAPE	IFSK	IANYEK	GLVL	VTGPT	TGSGKST	TLAAM	VN	YV	NA	154	
AN.	LARFRVNAFNQSR	GA	AVFRT	TIP	SEIL	SMED	LGLP	IFKEM	ASFSRGLV	LV	GTGPT	TGSGKST	TLA	AV	ID	154	
AN.	LARFRVNAFNQSR	GA	AVFRT	TIP	SEIL	SMED	LGLP	IFKEM	ASFSRGLV	LV	GTGPT	TGSGKST	TLA	AV	ID	154	
PG.	VARFRVNAFNQNR	RGAGAVFRT	TIP	SKV	LT	MED	LGMGEV	FRKIT	TDVPRGLV	LV	GTGPT	TGSGKST	TLAAM	LDY	LN	154	
PG.	VARFRVNAFNQNR	RGAGAVFRT	TIP	SKV	LT	MED	LGMGEV	FRK	VS	DP	PRGLV	LV	GTGPT	TGSGKST	TLAAM	154	
PN.	LARFRVNVFNQNR	RGAGAVFRT	TIP	SQV	LT	LEEL	LGLG	KIFR	DI	CDYPRGLV	LV	GTGPT	TGSGKST	TLAAM	LDY	154	
PN.	VARFRVNAFNQNR	RGAGAVFRT	TIP	SKV	LT	MED	LGLG	QIFK	DI	CDYPRG	I	VL	VTGPT	TGSGKST	TLAAM	154	
PN.	VARFRVNAFNQNR	RGAGAVFRT	TIP	SKV	LT	MED	LGLG	QIFK	DI	CDYPRG	I	VL	VTGPT	TGSGKST	TLAAM	154	
PN.	VARFRVNAFNQNR	RGAGAVFRT	TIP	SKV	LT	MED	LGLG	QIFK	DI	CDYPRG	I	VL	VTGPT	TGSGKST	TLAAM	154	
**	**	***		*****	**	*****	*	*****	**	**	*****		*****		*		

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NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVVDKISEQDALHSADSANDLRLMLK.TKRGDDY...GSGSLQNVK....IDME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSVS.QGLT....LEMSDDDPGRSFR.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIK.LSEEANKPLDNRRERMSME....RKMTFDGQRRNLK.....	383
NTDB id 317339 D7I47 RS04440 WP 405083448.1	HTMDQHLSELVNGGEVPYEAAMEKVQDPETFNRLVTRRDLAGNGASRSI.....	362
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGASMTCAA.PPVPAYNSSSSSTGRGGDFGRGAAAPA	397
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEDQNAKQLIARGVVDQEVQSKIETDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEDQNAKQLIARGVVDQEVQSKIETDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDDSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDDMLKGLVAKGLISRENAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQLKQLLAKGLIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	*!*** * !* ***** * *	

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1	TPAAPAAAGRSEPCRRACCFRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1		381
NTDB id 1019 ACIAD RS04205 WP 004922051.1		383
NTDB id 317339 D7I47 RS04440 WP 405083448.1		362
NTDB id 1307 DR RS10055 WP 010888596.1	TPAAPAAAGRSEPCRRACCFRR	418
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
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consensus		

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