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NTDB id 1111 NGFG RS09220 WP 003689814.1	...MSDLSVLS	PFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVF	AKEHNLNPLTDD	ESRTFNL	LMKPD	SCCPK	CRVP	76
NTDB id 1061 ABD1 RS18470 WP 001152280.1	MQDI	IAYFIQNL	TALYIAVALVSLCIGSFLNVVIYRTPKMMEQD	WQECQMLLN	NPEQPIID	HERLTLN	KPASSCPACQ	80
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	MQDI	IAYFIQNL	TALYIAVALVSLCIGSFLNVVIYRTPKMMEQD	WQECQMLLN	NPEQPIID	HEKLTLS	KPASSCPACHQP	80
NTDB id 1069180 ACFELC RS24495 WP 034071571.1	.MP	LLDYLA	SHPLAFVLCAILLGLLVGSFLNVVHRLPKMMERN	NWKA	EAREALG.LEPEPK	QATYNL	VLPNSACPRCGHE	78
NTDB id 1403 DSB67 RS12675 WP 010643256.1	MEV	FQYYPWLFVVF	ATIFGLIVGSFLNVVIYRLPKIMELEWR	RECAES	FPEYKIEPP	KETLTL	SVPRSSCQCGTQ	76
NTDB id 1170 A1552VC RS11080 WP 000418747.1	MEL	FYFYPWLFV	PLATLFGFLIVGSFLNVVIYRLPKIMEREW	RAECAAS	FPEYGITP	PEGKLT	LSLPRSTCPHCQT	76
consensus	*** *	* *	* *	*** !** !!!!! !** !** !** !	* !	** *	*** ! ! !** ! *	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	IRAMQNIPIVSYLLLRGK	CASQCTKISIRYPLIELLTGVLFGLVAVWQYGWSWITLGGLLILTAF	LISLTFIDADTQYLPDS	156													
NTDB id 1061 ABD1 RS18470 WP 001152280.1	IRWYQNIPIVSWLVRGK	GHCHQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWV	LIALTFIDFDTQLLPDR	160													
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	IRWYQNIPLISWLVRGK	GHCHQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWV	LIALTFIDFDTQLLPDR	160													
NTDB id 1069180 ACFELC RS24495 WP 034071571.1	IRPWNENIPLVSYLALGGK	SSCKAAIGKRYPLVELATALLSGYVAWHFGFTWQAGAMLLLTWGL	LAMSLIDADHQLLPDV	158													
NTDB id 1403 DSB67 RS12675 WP 010643256.1	IRIRDNIPVISWLLRGK	CHNCQAPINARYP	LIELLTAFCSGFIAFHGFSYFTVALVFFTFVLIAATFIDLDTMLLPDQ	156													
NTDB id 1170 A1552VC RS11080 WP 000418747.1	IRVIDNIPLL	SWLALRGQC	SHCKAPISARYPLIELLTALMSLVIA	THFP	EGVFAVAL	LFFSYVLIAATFIDFDTLLLPDQ	156										
consensus	!! *	!!!!**!*!!!!!!	!*	**!* !!!!!**!* !** !** !** !	***	****	**	*****!*****!!	!!!!**!!								

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NTDB id 1111 NGFG RS09220 WP 003689814.1	MTLPL	IWLGLIF	NLDGGF	VPLQSAVL	GAVAGYSS	LWLLCA	VYKLLTGKT	GMGN	GDFKL	IAAL	GAWL	GISAL	PVLI	FVSS	235				
NTDB id 1061 ABD1 RS18470 WP 001152280.1	FTLPL	AALGLG	INTFNI	Y.TSPNS	AIWGYLIG	FLCL	WIVYYL	FKVIT	GKEGM	GYGDF	KLLAAL	GAWM	GPLM	LPLIV	LLSS	239			
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	FTLPL	AALGLG	INTFNI	Y.TSPNS	AIWGYLIG	FLCL	WIVYYL	FKVIT	GKEGM	GYGDF	KLLAAL	GAWM	GPLM	LPLIV	LLSS	239			
NTDB id 1069180 ACFELC RS24495 WP 034071571.1	LVLPL	LWLGLIAN	HFG	L.FASL	DDALF	GAVLGYL	SLWSV	FWL	FKLV	TGKEGM	GYGDF	KLLA	MLGAW	GGWQ	ILPL	TILLSS	237		
NTDB id 1403 DSB67 RS12675 WP 010643256.1	LTPL	LMWTG	IALA	LAGIS	PSVSLQD	SIIG	AMAGYL	CLWSV	YWL	FKLL	TGKEGM	GYGDF	KLLAAL	GAWL	LGWQ	SLPM	IILLSS	236	
NTDB id 1170 A1552VC RS11080 WP 000418747.1	LTPL	LWG	GIAL	ALLG	FSPVSL	SDA	VIG	AMAGYL	SLWS	TYWL	FKLL	TGKEGM	GYGDF	KLLAAL	GAWL	LGWQ	LPVIV	LLSS	236
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	LIGL	VAAIV	MR...	VAKGR	HFAFG	PAL	TVSG	WIIFT	ANDS	VWRA	VNW	WLT	HPV	R...	286
NTDB id 1061 ABD1 RS18470 WP 001152280.1	LLGAI	IGIILL	KL	RND..	NQPF	AFGPY	IAIAG	WVAF	LWGDQ	IM...	KIYL	GG...	286		
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	LLGAI	IGIILL	KL	RND..	NQPF	AFGPY	IAIAG	WVAF	LWGDQ	IM...	KIYL	GG...	286		
NTDB id 1069180 ACFELC RS24495 WP 034071571.1	LVGAI	LGVIM	LRL	RNAES	GTPI	FGPY	LAIAG	WIAL	LWGDQ	IT...	RTYL	QF	AG	FK.	290
NTDB id 1403 DSB67 RS12675 WP 010643256.1	VVGVI	FGLI	QLRL	LQK	GIEKA	FPGPY	LAIAG	WVSL	IWGHQ	IL...	NWY	FTS	SIL	GV..	289
NTDB id 1170 A1552VC RS11080 WP 000418747.1	VVGVI	FGLI	QLRL	QKKG	GIDMA	FPGPY	LAIAG	WVSL	IWGHQ	IL...	DWY	FTT	WVG	QPL	291
consensus	**!	*	*****		*	!!!!*****!!	**	*****		**					

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