




MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CTGISTF	DVFI	ELAELEK	SHD	DL	AGFKHLLD	KHKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	ELAELEK	SYD	DL	AGFKYLLD	KHKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	NELELEK	NYD	DL	AGFKHLLD	KYKLSFSAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	KELELEK	NYD	DL	AGFKHLLD	KYKLSFSAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CTGISTF	DVFI	ELAELEK	NYD	DL	AGFKHLLD	KYKLSFPAQ	EF	FELY	CL	IK	EFEC	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	ELAELEK	SYD	DL	AGFKHLLD	KYKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	ELAELEK	SYD	DL	AGFKHLLD	KYKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	ELAELEK	SYD	DL	AGFKHLLD	KYKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CTGISTF	DVFI	ELAELEK	SYD	DL	AGFKHLLD	KYKLSFPAQ	EF	FELY	CL	IK	EFES	105						
MSIKLLD	EFLKKHNK	TRYQLSKLT	IGISQNT	LDYNNK	ELNKYSVS	FLRALSM	CAGISTF	DVFI	ELAELEK	SYD	DL	AGFKYLLD	KHKLSFPTQ	EF	FELY	CL	IK	EFES	105						
...	MDY	EE	VIQTI	KEFFN	SKNAEFN	VGG	PQKTEN	...	NTISIW	DFKEP	TELTE	...	EEYD	DL	YDFL	...	DNL	GFYPINGAENQVNNYIGYKS	WGV	DEFEN	90				
...	MNGNEI	VEEILEFLN	KKGAKFD	IDG	FETEN	...	KTLKLEVEF	PKPI	ILTE	...	TEYD	MLY	DDL	...	KSL	GFYPVNGAENKINEYGV	KNYTG	TEEFEN	89						
...	...	MEEL	MEKI	KEFLD	KGNAEYNI	GPEETVN	...	DTTLVEI	IKLGK	PIELTE	...	NEYEK	SLDLL	...	RFL	GF	RPTDIWENRVNDSLNRYS	KGV	DFELD	89					
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...	69				
...	58				
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 *** * * * *

 non conserved
 similar
 $\geq 50\%$ conserved