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NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKRVR	QKGF	TLIELMIVVAIV	IGILAAIAIP	AYQDYTVR	RARVTEGL	SLAAQAKALV	SENAANAQSDLSV.....	74
NTDB id 1002 ACIAD RS15100 WP 004923779.1	MNA	QKGF	TLIELMIV	TAIIGILAAIAIP	AYTDYTVR	RARVSEGLTAA	SSMKTTVSEN	ILNAGALVAGTPTAG	72
NTDB id 1274 LPP RS09530 WP 011214168.1	MR	QKGF	TLIELMIVVAI	IGILAAIAIP	AYQDYTVR	RARVTEGLT	ADSAKLAVSE	TAITNNALPATQAATGY	71
NTDB id 1258 GC085 RS09745 WP 014844212.1	MR	QKGF	TLIELMIVVAI	IGILAAIAIP	AYQDYTVR	RARVTEGLT	ADSAKLAVSE	TAITNNALPATQAATGY	71
NTDB id 1108430 ACN079 RS24680 WP 420232241.1	MNK	QS	GF	TLIELLIVVAI	IGILATFALP	QYSKYQARAKATA	GLAEVTAL	LKVPFEDVMNQGTNPTLA.....	66
NTDB id 1038 HON27 RS01510 WP 000993725.1	MNA	QKGF	TLIELMIVVAI	IGILAAIAIP	QYQNYIAK	SKVNSGFSEISSI	KTGYENAV	NEGAVPTKL.....	66
NTDB id 1184 GTF74 RS02335 WP 000649326.1	..MKAYKNKQ	QKGF	TLIELMIVVAIV	IGVLAIAIAIP	QYQNYVKK	SAIGVGLAN	ITALKTNIEDYI	ATEGSFPATTAGTAA	77
NTDB id 1167 A1552VC RS11065 WP 000649326.1	..MKAYKNKQ	QKGF	TLIELMIVVAIV	IGVLAIAIAIP	QYQNYVKK	SAIGVGLAN	ITALKTNIEDYI	ATEGSFPATTAGTAA	77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	..MKAYKNKQ	QKGF	TLIELMIVVAIV	IGVLAIAIAIP	QYQNYVKK	SAIGVGLAN	ITALKTNIEDYI	ATEGSFPATTAGTAA	77
NTDB id 1292 VP RS12235 WP 005479693.1	..MKHSKQKK	QKGF	TLIELMIVVAI	IGVLAIAIAIP	AYQNYVT	RSEVTSGLAT	VKALITPAEL	HYQENGIA.A.....	69
NTDB id 1192 PAKAF RS23870 WP 024947914.1	MKA	QKGF	TLIELMIVVAI	IGILAAIAIP	QYQNYVAR	SEGASALASVN	PLKTTVEEAL	SRGWSV.KSGTGTED	71
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQM	QKGF	TLIELMIVVAI	IGILAAIAL	PAYQDYTV	RSNAAAALAE	ITPGKIGFEQA	INEGKTP.SLTSTDE.	72
NTDB id 1204 PSJM300 03935 AFN76865.1	MKPVKSSC	RGFS	LIELMIVVAI	IGILAAIAL	PAYQNYTV	RSTAASALAE	ITPAKAAFEQA	ISEGHTP.SLVSSLP.	74
consensus		*****	*****	*****	*****	*****	*****	*****	

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NTDB id 1424 RS RS02795 WP 011000517.1	GSSVF...TPTKNVANLTI...AGTGTVP	QGITV	TYT.TA.....AGGGT	LALVPTAAGTALPVSSAPSGPI	134		
NTDB id 1002 ACIAD RS15100 WP 004923779.1	S....SCVGVQEISASNA	TTNVATA....TCGASSA	GQII	VTMDTTK.....AKGANITLTPT	YASCAV	128	
NTDB id 1274 LPP RS09530 WP 011214168.1	V.....SPAATPNVASTI....AIGA..NGVIT	ITY.TAA.....AGGGT	IVMTPTL	QANGDV	116		
NTDB id 1258 GC085 RS09745 WP 014844212.1	V.....SPAATPNVQSI....AIGA..NGVIT	ITY.TAA.....AGGGT	IIMPTL	QANGDV	116		
NTDB id 1108430 ACN079 RS24680 WP 420232241.1	NIGG.TS....PTS.NCT...LT.ASGTAAD	GAGTIA..CTLLNAPAPVL	GKAITL	TRSR	SQG	116	
NTDB id 1038 HON27 RS01510 WP 000993725.1	SDVGFTA....ATSSVCATYSI.DAFTETD	GAGKIT...CTLKGNPK.IATKI	VELTR	TDG	119		
NTDB id 1184 GTF74 RS02335 WP 000649326.1	G...FTRLGTVE....DMG.DGK	IVIAPTASGALG	GT..IKYTFDAG...	VVSSSKIQLARD	ANG	129	
NTDB id 1167 A1552VC RS11065 WP 000649326.1	G...FTRLGTVE....DMG.DGK	IVIAPTASGALG	GT..IKYTFDAG...	VVSSSKIQLARD	ANG	129	
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	G...FTRLGTVE....DMG.DGK	IVIAPTASGALG	GT..IKYTFDAG...	VVSSSKIQLARD	ANG	129	
NTDB id 1292 VP RS12235 WP 005479693.1	.AATLAQLGVDDV....AANDLGAIDS..A...LAGGSPTLTFTFD	..ADSSIDGGIL	TFTRD	AAT	122		
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ATKKEVPLGVAA....DANKLGTIALKPD...PADGTAD	ITLFTFMGGAGPKNK	GKII	ITLTRT	AADG	131	
NTDB id 1197 PSJM300 03940 AFN76866.1	GYIGITD....STS.YCD	VDLD.T...AADGH..IE	.CTAKGGNAGKFD	GKTI	TLNRT	ADG	121
NTDB id 1204 PSJM300 03935 AFN76865.1	GFIGIGA....STN.YCT	VTLLI.A...TATGS..IT	.CTTQNGMPDRFN	GKTI	ITART	TDG	123
consensus	* * *	*	*	*	*	*	*

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NTDB id 1424 RS RS02795 WP 011000517.1	MWTCYAQNKAQAASSVAPSGTMS	LA	AKYAPAE	CR.....	168	
NTDB id 1002 ACIAD RS15100 WP 004923779.1	TWKCTIT	S.DKKYV	PSE	CRG.....	147	
NTDB id 1274 LPP RS09530 WP 011214168.1	TWTCIGG	TLLAKYR	PAS	CRP.....	136	
NTDB id 1258 GC085 RS09745 WP 014844212.1	TWTCIGG	TLLAKYR	PAS	CRP.....	136	
NTDB id 1108430 ACN079 RS24680 WP 420232241.1	VWTCGST	AAQEFL	PAG	CTGTATP.....	139	
NTDB id 1038 HON27 RS01510 WP 000993725.1	AWTCVSD	VPTEFL	PKG	CTAGTPT	TEGAITSL	149
NTDB id 1184 GTF74 RS02335 WP 000649326.1	LWTCSTT	VTSEI	APKG	CTAGATIN.....	153	
NTDB id 1167 A1552VC RS11065 WP 000649326.1	LWTCSTT	VTSEI	APKG	CTAGATIN.....	153	
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	LWTCSTT	VTSEI	APKG	CTAGATIN.....	153	
NTDB id 1292 VP RS12235 WP 005479693.1	GW	SCLPT.....APAI	.AVD	GCS.....	139	
NTDB id 1192 PAKAF RS23870 WP 024947914.1	LWK	CTSD.....QDEQ	FIP	PKG	CSK.....	150
NTDB id 1197 PSJM300 03940 AFN76866.1	EW	SCAST.....LDAKY	KPK	GCS.....	139	
NTDB id 1204 PSJM300 03935 AFN76865.1	LWD	CTSD.....LDSRY	KPK	GCL.....	141	
consensus	!***	*	*	*	!*	

 non conserved
 similar
 $\geq 50\%$ conserved