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NTDB id 1354 HI 0299 AAC21963.1	..MKLTTLLQTLK	KGFTLIELMIV	IAIIAILATIAIP	SYQNYTKKAAV	SELLQASAPYKAD	VELCVYSTNETTSCT	GGKNG	78
NTDB id 1184 GTF74 RS02335 WP 000649326.1	...MKAYKNKQ	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	PATTAGTAA	77
NTDB id 1167 A1552VC RS11065 WP 000649326.1	...MKAYKNKQ	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	PATTAGTAA	77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	...MKAYKNKQ	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	PATTAGTAA	77
NTDB id 1197 PSJM300 03940 AFN76866.1	.....MKAQM	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	PATTAGTAA	77
NTDB id 1204 PSJM300 03935 AFN76865.1	...MKPVKSS	CRGFS	LIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	PATTAGTAA
NTDB id 1119 NGFG RS11465 WP 017147169.1	.....MNTL	KGFTLIELMIV	IAIVGILAA	VALPAYQDY	TARAQVSE	ATILLAEGQKSA	VTEYYLNHGKWPENNTS	AGV
NTDB id 1191 AAC28468.1 484..945( )	.....MLKKV	KGFTLIELMIV	IAIIGILAA	VALPAYQDY	TARAQAT	EGFKATAGLQ	TDLGAWRADRG	SFPNAAALVAG
NTDB id 1424 RS RS02795 WP 011000517.1	MKSMRHLNKR	V	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	NAAALVAG
NTDB id 1002 ACIAD RS15100 WP 004923779.1	.....MNA	KGFTLIELMIV	IAIIGILAA	VALPAYQDY	TARAQVSE	ATILLAEGQKSA	VTEYYLNHGKWPENNTS	AGV
NTDB id 200644 BJK09 RS09365 WP 027227779.1	.....MRT	KGFTLIELMIV	AAIIGIL	VALPAYQDY	TIRARV	VEGLEMTSA	AKLAVVETS	SLIDNTLPANQADTGY
NTDB id 1274 LPP RS09530 WP 011214168.1	.....MR	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	NAAALVAG	74
NTDB id 1258 GC085 RS09745 WP 014844212.1	.....MR	KGFTLIELMIV	VAVIGVLA	AIAIPQYQ	NYVKKSAIGVGLANIT	ALKTNIEDYIATEGSFP	NAAALVAG	76
consensus		*****	*****	*****	*****	*****	*****	*****

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NTDB id 1354 HI 0299 AAC21963.1	I.....	AADIK	.....	TAKGY	VASVITQSGGIT	IVKGNGLAN	MEY....	ILQAKGNAAAGVT	WTT	129
NTDB id 1184 GTF74 RS02335 WP 000649326.1	GF....	T...RLGTV	EDMGDGK	IVIAPTAS	GALGTIKYTFDA	....G	VVSSSKIQL	....	ARDANGLWTC	133
NTDB id 1167 A1552VC RS11065 WP 000649326.1	GF....	T...RLGTV	EDMGDGK	IVIAPTAS	GALGTIKYTFDA	....G	VVSSSKIQL	....	ARDANGLWTC	133
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	GF....	T...RLGTV	EDMGDGK	IVIAPTAS	GALGTIKYTFDA	....G	VVSSSKIQL	....	ARDANGLWTC	133
NTDB id 1197 PSJM300 03940 AFN76866.1	YI....	GITDSTS	YCDV	.....	DLDTAAD	GHIE	CTAKGGNAGK	FDGKTTILNR	TAD.....	GEWSC
NTDB id 1204 PSJM300 03935 AFN76865.1	FI....	GIGASTNY	CTV	.....	TLIATAT	GSIT	CTTQNGMPDR	FNKGKTTI	ARTTD	....GLWDC
NTDB id 1119 NGFG RS11465 WP 017147169.1	A.....	SPPTD	IKGKYV	KEVE	....VKN	GVV	TATMLSSGVN	NEIKGK	LSLWG	....RRENGSVK
NTDB id 1191 AAC28468.1 484..945( )	NV.....	IFDSANG	LDGKYF	APGGVT	VPDGA	INIA	FDA...G	ANAGK	TMTITP	TVI.....
NTDB id 1424 RS RS02795 WP 011000517.1	S.....	VFTPTKN	....	ANLTI	AGT...G	TVPG	QIT.VTYT	....	TAAG	GGTLALVPT
NTDB id 1002 ACIAD RS15100 WP 004923779.1	SSCVGV	QEISAS	NATTN	....	ATATC	....	ASSAG	QIIVTMDT	....	TKAGGANIT
NTDB id 200644 BJK09 RS09365 WP 027227779.1	T.....	SPATTIN	....	ASTA	IG....	N...Q	GIIT	ITYT	....	ANAGNGT
NTDB id 1274 LPP RS09530 WP 011214168.1	V.....	SPAATPN	....	ASTA	IG....	A...N	GVIT	ITYT	....	AAAGGGT
NTDB id 1258 GC085 RS09745 WP 014844212.1	V.....	SPAATPN	....	QST	IAIG....	A...N	GVIT	ITYT	....	AAAGGGT
consensus		*	*	*	*	!	*	*	*	*

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NTDB id 1354 HI 0299 AAC21963.1	TCKG	.....	TDASL	FPANFC	GSVTK	..	149
NTDB id 1184 GTF74 RS02335 WP 000649326.1	STT	.....	VTSEI	APKG	CTAGATIN	..	153
NTDB id 1167 A1552VC RS11065 WP 000649326.1	STT	.....	VTSEI	APKG	CTAGATIN	..	153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	STT	.....	VTSEI	APKG	CTAGATIN	..	153
NTDB id 1197 PSJM300 03940 AFN76866.1	AST	.....	LDA	KYK	PGKCS	.....	139
NTDB id 1204 PSJM300 03935 AFN76865.1	TS	.....	LDS	RYP	KGKCL	.....	141
NTDB id 1119 NGFG RS11465 WP 017147169.1	GQP	VTR	ADDDTV	ADAK	DGKEIDT	KHLPSTCRDKASDAK	166
NTDB id 1191 AAC28468.1 484..945( )	APGA	ANG	.....	IET	RRLPTSCQ*	.....	153
NTDB id 1424 RS RS02795 WP 011000517.1	YAQN	KAQA	ASSV	APSGTMS	LAAKYA	PAECR	.....
NTDB id 1002 ACIAD RS15100 WP 004923779.1	TTT	.....	SDK	KYP	PSECRG	.....	147
NTDB id 200644 BJK09 RS09365 WP 027227779.1	TGG	.....	TLIS	KYR	PAYCRP	.....	137
NTDB id 1274 LPP RS09530 WP 011214168.1	TGG	.....	TLLA	KYR	PASCRP	.....	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	TGG	.....	TLLA	KYR	PASCRP	.....	136
consensus	*		*	*	!	*	

 non conserved  
 similar  
  $\geq 50\%$  conserved