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NTDB id 1169 A1552VC RS11075 WP 000648511.1	MKATQTLP	VSCQMLAIS	LAR.LT	67
NTDB id 1402 DSB67 RS12670 WP 010643257.1	MKTIA	TSGNVLAMTE	ISHRVKG	66
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKNGGFS	LNGEVS	TSSKRKITQ	69
NTDB id 1113 AAA85695.1 219..1451()	MAKNGGFS	LNGEVS	TSSKRKITQ	69
NTDB id 1198 PSJM300 03950 AFN76868.1	MAQKA	IKGELS	AGKKIKP	65
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAAKKTQ	LKGELP	IFEGLLK	68
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAVKKA	IKGELP	LEGLFK	68
NTDB id 1101906 Q9265 RS07725 WP 011408067.1	MSVARSAIKKQ	MKCEQT	AGKKITP	78
NTDB id 1252 GC085 RS07730 WP 011213805.1	MDKN	MKCEQT	FDR.KN	66
consensus	* * * * * ! * * * * ! * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !			

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	KDITILTRQLATMTTGVPIVQALKLVGDNRHKAEMKKSILAQITKSVEAGTPLSKAMRTASAHFDTLVVDLVETGEMSGN	147
NTDB id 1402 DSB67 RS12670 WP 010643257.1	KDITIFTRQIATMTTGVPIVQALKLVSENHKKAEMKKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGTEQSGN	146
NTDB id 1112 NGFG RS09215 WP 003689811.1	EDITVFRQLSTMIKACGLPMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV	149
NTDB id 1113 AAA85695.1 219..1451()	EDITVFRQLSTMIAAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV	149
NTDB id 1198 PSJM300 03950 AFN76868.1	MDIALFTRQMATMMKAGVPLLQSFDTIGEGFDNPNMRKLVDDLKQEVAAAGNSFASSLRKKPKQFYDDLYCNLVDSGEQSGS	145
NTDB id 1016 ACIAD RS01680 WP 004920476.1	LDIALFTRQLATMMKAGVPLVQAFEIVAEGLNPAMRDVVLLGKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGS	148
NTDB id 1059 ABD1 RS01610 WP 000279215.1	LDITIFTRQLATMMKAGVPLVQCFEIVAEGLNPAMRREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGA	148
NTDB id 1101906 Q9265 RS07725 WP 011408067.1	KEIAFFSRQMATMMKSGVPIVSSLEITGEGHKNPRMKMKMGQIRTDIEGSSLSYASISKHPVQFDELYRNLVLRAGEGAGV	158
NTDB id 1252 GC085 RS07730 WP 011213805.1	ADITVFSRQLATMTESGPIPLVQAFDIVAKGQSNKRLLKDLIETIKHDIETGLTLAEASLIKHPLYFNELFCNLVDAGEKSGS	146
consensus	* ! * * * * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * !	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	LPEVFERLATYREKSEQLRAKVIKALITYPSMVVLVALGVSYLMLTMVIPLEFESMFKGFGAELPWFTQQVLKLSHWVQAYS	227
NTDB id 1402 DSB67 RS12670 WP 010643257.1	LSQVFERLATYREKSEQLRAKVIKALITYPAMVVLVALGVSYLMLTRVIPLEFEKMFMTGFGADLPFTQMVLNLSAWTQNWG	226
NTDB id 1112 NGFG RS09215 WP 003689811.1	LESLLDKLATYKEKTAIRKKVKLTALTYPSVSVIAVAIGLVFVMMIFVLPAFKKEVYANMGAEPLPTQTVMDSDFVSYG	229
NTDB id 1113 AAA85695.1 219..1451()	LESLLDKLATYKEKTAIRKKVKLTALTYPSVSVIAVAIGLVFVMMIFVLPAFKKEVYANMGAEPLPTQTVMDSDFVSYG	229
NTDB id 1198 PSJM300 03950 AFN76868.1	LETILDRVATYKEKTEALKAKIKKAMNYPITAVVLVAVIVTITAILLIKVVPPQFQDVFANFGAELPAFTLMVIGLSEALQAWW	225
NTDB id 1016 ACIAD RS01680 WP 004920476.1	LETIMLDRVATYKEKSEVLKQKIKKAMKYPATVIVVAIVVTITILMVKKVVPVFKDLFTSFGADLPFTQLVVNMNSNMQDYW	228
NTDB id 1059 ABD1 RS01610 WP 000279215.1	LETIMLDRVATYKEKSELLKQKIKKAMKYPATVIVVAIVVTITILMVKKVVPVFKDLFTSFGADLPFTQMVLVNMSKMQEYW	228
NTDB id 1101906 Q9265 RS07725 WP 011408067.1	LETVLETVATYKENIEALKGKIKKALFYPAMVVAIVITVSAITLLIFVVPQFEVFKSFGAELPAFTQLLVNNSRFMVSYW	238
NTDB id 1252 GC085 RS07730 WP 011213805.1	LDITMLDDKVATYKEKTEITKKKIKKALTYPITAVMVVALLVITAGLLIYVVPQFESLFKGFAGADLPAMTRAVITMSEFMQAYW	226
consensus	! * * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * ! * ! * * * * !	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	LWAFIAIAAAATFG	LKAL	KN	SFQIRL	KTSRL	GLKFPI	IGNVL	AKAS	IAKFS	R	TLATS	S	FAAGIP	ILAS	SLKTT	AKT	SGNV	VHF	307																																																										
NTDB id 1402 DSB67 RS12670 WP 010643257.1	PFITGLS	FVSL	ISGK	IMSQR	S	DSFR	LLAAR	SS	LRVP	IL	GPVL	SKAA	IAKFS	R	TLATS	S	F	SAGIP	ILT	TALKTT	SKT	SGNM	HY	306																																																					
NTDB id 1112 NGFG RS09215 WP 003689811.1	WMVLI	AL	G	FAI	YGF	LKL	KARS	I	QRRM	D	AIL	LRM	P	IFGD	I	VRKGT	I	ARW	GRTT	ATL	F	AAGV	PLVD	VLD	STAGA	AGN	LI	Y	309																																																
NTDB id 1113 AAA85695.1 219..1451()	WMVLI	AL	G	FAI	YGF	LKL	KARS	I	QRRM	D	AIL	LRM	P	IFGD	I	VRKGT	I	ARW	GRTT	ATL	F	AAGV	PLVD	VLD	STAGA	AGN	LI	Y	309																																																
NTDB id 1198 PSJM300 03950 AFN76868.1	YVV	L	A	G	F	V	G	A	A	Y	A	F	K	Q	A	H	T	R	S	E	K	F	R	N	W	F	D	R	L	M	L	K	V	P	V	G	D	I	L	Y	K	S	S	V	A	R	F	A	R	T	L	S	T	T	F	A	A	G	V	P	L	D	A	L	S	V	A	G	A	T	G	N	V	V	F	305	
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FIL	I	L	V	I	G	A	A	T	A	G	F	L	E	A	K	R	S	K	R	F	R	D	Q	L	D	R	L	V	L	R	L	P	I	V	G	D	L	V	Y	K	A	I	A	R	Y	S	R	T	L	A	T	T	F	A	A	G	V	P	L	I	D	A	L	A	S	T	A	G	A	T	N	N	T	V	Y	308
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FIM	I	L	A	I	G	A	V	I	A	A	F	L	E	A	K	R	S	K	R	F	R	D	G	L	D	K	L	A	L	K	L	P	I	F	G	D	L	V	Y	K	A	I	A	R	Y	S	R	T	L	A	T	T	F	A	A	G	V	P	L	I	D	A	L	A	S	T	A	G	A	T	N	N	T	V	Y	308
NTDB id 1101906 Q9265 RS07725 WP 011408067.1	WL	M	L	I	V	T	V	G	S	V	V	C	F	I	A	Y	K	R	S	P	R	M	Q	H	L	D	R	L	T	L	K	V	P	V	I	G	I	M	N	S	A	I	A	R	F	A	R	T	T	A	V	T	F	K	A	G	V	P	L	E	A	L	G	I	V	A	G	A	T	N	K	L	Y	318			
NTDB id 1252 GC085 RS07730 WP 011213805.1	YII	F	G	A	L	G	V	Y	S	F	F	Y	A	K	N	S	L	E	A	Q	A	T	L	D	R	V	M	L	K	L	P	V	I	G	P	I	L	E	K	A	A	I	A	R	F	A	R	T	L	S	I	T	F	A	A	G	L	P	L	V	E	A	L	K	S	V	A	G	A	T	G	N	I	Y	306		
consensus	*****!																																																																												

