

NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGR.L	VEATIEAEDLRTAARLRDRGLFVAETKEPGKGQLAEVRIPALERGPGLK	65
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKKNYRWKGINSSGKK	VSGQMLAISEIEVRDKLKDQHIQIKKLKKGVSLLAR.....LTHRVKSK	68
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKKNYRWKGINSSGKK	TSGNVLAMTEIEVRERLDAQHIKIKKLKKGKSISFITK.....ISHRVKGK	67
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLFAKKEKRFIFEGRHSASDKLV	NGVEVSFAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRKITQE	70
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLFAKKEKRFIFEGRHSASDKLV	NGVEVSFAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRKITQE	70
NTDB id 1252	GCD85 RS07730 WP 011213805.1	.MDK.....NSPPLTLTFHYQGINKAGQK	MEGDIQARSLATAKADLRKQGIVTNKVVKKRKP.LFDR.....KNKKITQA	67
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAK.....KTQVMPVFAYEGVDRKGIK	LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEG....LLKKKVKPL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVK.....KAQMMPTFAYEGVDRKGVK	IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVTTL	69
NTDB id 93937	A6701 RS24865 WP 003116250.1	.MAD.....KALKTSVFTWEGTDKKGSK	VKGELAGQNPMLVKAQLRKQGINPLKVRKKGITLFG.....AGKKIKPM	66
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQ.....KAIKNSVFTWEGLRDQGA	IKGELSCVSPALVKAQLRKQGINPQKVRKKSISLFS.....AGKKIKPM	66
consensus		***	* * * * * ! * * * * *	***

NTDB	id	1029	TT	RS02230	WP	011228203.1	D	L	A	I	F	S	R	Q	L	A	T	M	L	G	A	C	L	T	L	L	Q	A	L	A	I	L	E	R	Q	T	E	N	R	K	F	R	E	I	L	K	Q	V	R	T	D	V	E	G	G	M	A	F	S	E	A	L	S	K	H	K	.	I	F	S	R	L	V	N	L	V	R	A	G	E	T	S	G	G	L	144	
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	D	I	T	I	L	T	R	Q	L	A	T	M	L	T	T	G	V	P	I	V	Q	A	L	K	L	V	G	D	N	H	R	K	A	E	M	K	S	I	L	A	Q	I	T	K	S	V	E	A	G	T	P	L	S	K	A	M	R	T	A	S	A	H	F	D	T	L	V	D	L	V	E	T	G	E	M	S	G	N	L	148	
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	D	I	T	I	F	T	R	Q	L	A	T	M	L	M	T	G	V	P	I	V	Q	A	L	K	L	V	S	E	N	H	K	K	A	E	M	K	S	I	L	M	S	V	T	R	A	V	E	A	G	T	P	M	S	K	A	M	R	T	A	S	T	H	F	D	P	L	Y	T	D	L	I	A	T	G	E	Q	S	G	N	L	147
NTDB	id	1113	AAA85695.1	219..1451(			D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	L	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	G	S	S	L	S	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	G	E	T	G	G	V	L	150
NTDB	id	1112	NGCF	RS09215	WP	003689811.1	D	I	T	V	F	T	R	Q	L	S	T	M	I	K	A	C	L	P	L	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	G	S	S	L	S	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	G	E	T	G	G	V	L	150
NTDB	id	1252	GCO85	RS07730	WP	011213805.1	D	I	T	V	F	S	R	Q	L	A	T	M	I	E	S	C	I	P	L	V	Q	A	F	D	I	V	A	K	Q	S	N	K	R	L	K	D	L	I	E	T	I	K	H	D	I	E	T	G	L	T	L	A	E	S	L	I	K	H	P	L	Y	F	N	E	L	F	C	N	L	V	D	A	G	E	K	S	G	S	L	147	
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	D	I	A	I	F	T	R	Q	L	A	T	M	M	K	A	G	V	P	L	V	Q	A	F	E	I	V	A	E	G	L	E	N	P	A	M	R	D	V	V	L	G	L	K	N	E	V	E	G	G	N	T	F	A	G	A	L	R	K	Y	P	Q	Y	F	D	N	L	F	C	S	L	I	E	S	G	E	Q	S	G	S	L	149
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	D	I	T	I	F	T	R	Q	L	A	T	M	M	K	A	G	V	P	L	V	Q	G	F	E	I	V	A	E	G	L	E	N	P	A	M	R	E	V	V	L	G	I	K	G	E	V	E	G	G	S	T	F	A	S	A	L	R	K	Y	P	Q	H	F	D	N	L	F	C	S	L	V	E	S	G	E	Q	S	G	A	L	149
NTDB	id	93937	A6701	RS24865	WP	003116250.1	D	I	A	L	F	T	R	Q	M	S	T	M	M	G	A	G	V	P	L	L																																																													

NTDB id 1029	TT RS02230 WP 011228203.1	DLLDRLASHLEKELELRGKIRSAMTYPVIVFVFVAAGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDDLRAATL	224
NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALITYPSMVVLVALGVSYLMMLTMVIPFEFESMFKGFGAELPWFTQQVLKLSHWVQAVSL	228
NTDB id 1402	DSB67 RS12670 WP 010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMMLTRVIPEFEKMFTGFAGDLPAFTQMVLNLSAWTQNNGP	227
NTDB id 1113	AAA85695.1 219..1451()	ESELLDKLATYKEKTQAIRKKVKVTALTYPVSVIAVAIGLVFMVMIFVLPAFKEVYANMGAEALPATQTVMMDSDFFVSYGW	230
NTDB id 1112	NGCF RS09215 WP 003689811.1	ESELLDKLATYKEKTQAIRKKVKVTALTYPVSVIAVAIGLVFMVMIFVLPAFKEVYANMGAEALPLTQTVMMDSDFFVSYGW	230
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DILLMDKVATYKEKETIILKKKIKKALTYPITAVMVVALLVTVAGLLIYVVPQFESLFKGFGADLPAMTRAIVITMSEFMQAYWY	227
NTDB id 1016	ACIAD RS01680 WP 004920476.1	EIMLDRVAVYKEKSEVLKKKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAAFTQLVVNMSNWMDQDYWF	229
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVAVYKEKSELLKKKIKKAMKYPATVIVVAIVVTIILMVKVVPVFDLFAFGADLPAAFTQMVVNMSKWMDQEYWF	229
NTDB id 93937	A6701 RS24865 WP 003116250.1	ETLLDRVATYKEKTESLKAKIKKAMTYPITAVIVVALVVSAILLIKVVPQFQS VFANFGAELPAFTQMVINLSEILQEWWL	226
NTDB id 1198	PSJM300 03950 AFN76868.1	ETLLDRVATYKEKTEALKAKIKKANPYITAVVLVAVIVTAILLIKVVPQFQDVDFANFGAELPAFTLMVIGLSEALQAWWY	226
consensus		* * * * *	

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NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 93937 A6701 RS24865 WP 003116250.1
NTDB id 1198 PSJM300 03950 AFN76868.1
consensus

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