

NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGRLVEATIEAEDLRTAARLLRDRGLFVAEIKPEPGKLQAEVRIPALERGPGGLK	65
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSNGKK.TSGNVLAMTEIEVRERLDQAHIKIKKLKKGSIKFITKI....SHRVKGGK	67
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLP.LKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHIIQIKKLKKGSVSLLARL....THRVKSK	68
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLFAKKEKRFI.FEGRHASADKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVTKT.....S....SKRKITQE	70
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLFAKKEKRFI.FEGRHASADKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVTKT.....S....SKRKITQE	70
NTDB id 1252	GCO85 RS07730 WP 011213805.1	.MDK.....NSPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGIVTNKVVKRRKPFLDRK....NKKITQA	67
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAK.....KTQVMFVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITTIRTIREKRKNIFEGLI....LKKKVKPL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVK.....KAQMMPFTFAYEGVDRKGIVK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGLI....FKKKVTTL	69
NTDB id 156330	AK973 RS26590 WP 003205670.1	.MAV.....KAVKTDVYTWEGRDRKGTK.MSGELTGSPALVKAQLRKQGGINPQKVRKKSTISFSK.....GKRIKPL	66
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAV.....KAIKNSVFTWEGLRDGAK.IKGELSGVSPALVKAQLRKQGGINPQKVRKKSTISLFSA.....GKKIKPM	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	G	L	T	L	L	Q	A	L	A	I	L	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	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	A	G	E	Q	S	G	N	L	147
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	Y	V	D	L	V	E	T	G	E	M	S	G	N	L	148	
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	D	I	T	V	F	T	R	Q	L	S	T	M	I	K	A	G	L	P	M	Q	A	F	E	I	V	A	R	G	H	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	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	1113	AAA85695.1	219..1451	()		D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	M	Q	A	F	E	I	V	A	R	G	H	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	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	GC085	RS07730	WP	011213805.1	D	I	T	V	F	S	R	Q	L	A	T	M	I	E	S	G	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	I	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	I	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	156330	AK973	RS26590	WP	003205670.1	D	I	A	L	F	T	R	Q	M	A	T	M	L	K	A	G	V	P	L	L	Q	A	F	D	I	T	G	E	G	F	D	N	P	N	M	R	K	L	V	D	E																																									

NTDB	id	1029	TT RS02230 WP_011228203.1	DLILDRLASFLKELELRGKIRSAMTYPVIVFVFAGVAAYFLTGTIPVQFAQLITDGLSELPLLTRFLIAVSDDLRAATL	224
NTDB	id	1402	DSB67 RS12670 WP_010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVVLVALGVSYLMLTRVIIPEFEKMFTFGADLPFTQMVLNLSAWTNWGP	227
NTDB	id	1169	A1552VC RS11075 WP_000648511.1	PEVFERLATYREKSEQLRAKVIKALIIYPSMVVLVALGVSYLMLTMTIPIEFESMFKGFGAELPWFTQQVKLSHWVQAYS	228
NTDB	id	1112	NGFG RS09215 WP_003689811.1	ESLLDKLAITYEKTQAIRKKVKALTPTYSVIAVAIGLVFMVMIFVLPAFKVEVANMGAELPALTQTVTMDMSDFFSYGW	230
NTDB	id	1113	AAA85695.1 219..1451()	ESLLDKLAITYEKTQAIRKKVKALTPTYSVIAVAIGLVFMVMIFVLPAFKVEVANMGAELPALTLTQTMDSDFFSYGW	230
NTDB	id	1252	GCO85 RS07730 WP_011213805.1	DIMLDKVATYEKETIEIKKKIKKALTPTIAMVMVALLVTAGLLIYVPVQFESLFKGFADLPAMTRAUITMSEFMQAYWY	227
NTDB	id	1016	ACIAD RS01680 WP_004920476.1	EIMLDRVAVYEKSEVLKQKIKKMKYPATIVIVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQLVNNSNMWDYWF	229
NTDB	id	1059	ABD1 RS01610 WP_000279215.1	ETMLDRVAITYEKSELLKQKIKKMKYPATIVIVAIVVTIILMVKVVPVFPQDLFASFGADLPFTQMNVNMSKWMEYWF	229
NTDB	id	156330	AK973 RS26590 WP_003205670.1	DTLLDRVATYEKSEAALKAKIKKMATYPAAVVLVAADVTVILLVKVVPVQFESVFSGFGAKLPFTVMVIGLSEIMMQWW	226
NTDB	id	1198	PSJM300 03950 AFN76868.1	ETLLDRVATYEKETEAALKAKIKKANPTYIAVVLVAIVTAILLIKVPPVFPQDVFFANFGAELPFTLMVIGLSEALQAWY	226
consensus				* * * * *	*

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NTDB id 1113 AAA85695.1 219..1451( )
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 156330 AK973 RS26590 WP 003205670.1
NTDB id 1198 PSJM300 03950 AFN76868.1
consensus

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