

NTDB	id	1029	TT	RS02230	WP	011228203.1		MPVYQYKARDRQGR	VEATIEAEDLRTAARL	LRDRGLFVAEIK	KEPGKGLQAEVRIPALER	GPGLK	65
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	.MKTI.....	APQLKNYRWKGINSSGKK	.TSGNVLAMTEIEVRERLDAQH	IKIKKLLKKSISFITK	ISHRV	KGK	67
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	MKATQ.....	TLPLKNYRWKGINNSGKK	.VSGQMLAISEIEVRDKL	KDQHIQIKKLLKKSVS	LLAR....LT	HRVKSK	68
NTDB	id	1113	AAA85695.1	219..1451()			.MAKNGGFSLF	AKKEKRFIFEGRHSASD	KLNVGEVSAFTEEEARKK	LAKRGIRPLQITRVK	TS....SKR	KITQE	70
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	.MAKNGGFSLF	AKKEKRFIFEGRHSASD	KLNVGEVSAFTEEEARKK	LAKRGIRPLQITRVK	TS....SKR	KITQE	70
NTDB	id	1252	GC085	RS07730	WP	011213805.1	.MDKN.....	SPPLLTFHYQGINKAGQK	.MEGDIQARSLATAKAD	LRKQGIVTNKVVKKR	KPLFDR....KN	KKITQA	67
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	MAVKK.....	AQMMPTFAYEGVDRKGVK	.IKGELPAKNMALAKVT	LRKQGVTVRNIREKR	RKNILEGL....FKKK	VTTL	69
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	MAAKK.....	TQVMPVFAYEGVDRKGIK	.LKGELPARNMALAKVT	LRKQGITIRTIREKR	RKNIFEGL....LKKK	VKPL	69
NTDB	id	93117	AKN89	RS04985	WP	053108119.1	MEIKK.....	SPKSYVWHGKSRQGNK	.LSGVINSHDINIVKQAQ	LRKQGVLHAKVKKK	GIT.FG.....RD	KKIKSM	66
NTDB	id	1198	PSJM300	03950	AFN	76868.1	.MAQK.....	AIKNSYFTWEGLRQGA	KIKGELSGVSPALVKAQ	LRKQGINPQKVRKK	SISLFS.....AGKK	KIKPM	66
consensus							*****	* * *	* * * * *	* * * * *	! * * * * *	* * * * *	*****

NTDB id 1029	TT RS02230 WP 011228203.1	DLAIFSRQLATMLGAGLTLQALAILERQTENRKFRREILKQVRTDVEGGMAFSEALSCHKH.IFSRLYVNLVRAGETSGGL	144
NTDB id 1402	DSB67 RS12670 WP 010643257.1	DITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAWEAGTPMSKAMRTASTHFDPlytDLIATGEQSGNL	147
NTDB id 1169	A1552VC RS11075 WP 000648511.1	DITIILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSIILAQITKSVEAGTPLSKAMRTASAHFDtLYVDLVETGEMSGNL	148
NTDB id 1113	AAA85695.1 219..1451()	DITVFTRQLSTMINGAGLPLMQAFEIVARGHGNSPMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB id 1112	NGFG RS09215 WP 003689811.1	DITVFTRQLSTMIKAGLPLMQAFEIVARGHGNSPMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DITVFSRQLATMIESGIPLVQAfDIVAKQGSNKRLKDLETIKHDIETGLTLAE SLIKHPLYFNELFCNLVDAGEKSGSL	147
NTDB id 1059	ABD1 RS01610 WP 000279215.1	DITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGAL	149
NTDB id 1016	ACIAD RS01680 WP 004920476.1	DIAIFTRQLATMMKAGVPLVQAfEIVAEGLENPAMRDVVLG LKN EVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSL	149
NTDB id 93117	AKN89 RS04985 WP 053108119.1	DITVFTRQMATTMMKAGVPLLQSFTITIEGLDNSNMRRKLLEAVRN DIAGGSSFAGALRKHS LYFDELYCNLVSGETSGAL	146
NTDB id 1198	PSJM300 03950 AFN76868.1	DIALFTRQMATMMKAGVPLLQSFDIIEGGF DNPNMRKLVDdLKQEVAAGNSFAS SLRKKPQYFDDLYCNLVS GEQSGSL	146
consensus		!*****!!**!* *!*****!*****!*** *****!*****!*****!*****!*****!*****!	

NTDB id 1029	TT RS02230 WP 011228203.1	DLILDRLASFLKELELRGKIRSAMTYPIVVFVAVGVAIFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDLLRAATL	224
NTDB id 1402	DSB67 RS12670 WP 010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVVLVALGVSYLMLTRVIPEFEKMFTFGADLPFTQMVLNLSAWTQNWGP	227
NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMTVIPEFESMFKGFGAELPWFTTQQVKLSHWVQAYSL	228
NTDB id 1113	AAA85695.1 219..1451()	ESLLDKLAIFYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFMVMIFVLPAFKFEVYANMGALPALQTQVTMDMSDFFSYWG	230
NTDB id 1112	NFGF RS09215 WP 003689811.1	ESLLDKLAIFYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFMVMIFVLPAFKFEVYANMGALPALQTQVTMDMSDFFSYWG	230
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DIMLDKVATYKEKIETIKKKIKKALTYPITAVMNVALLVTAGLLIYVVPQFESLFKGFADLPAMTRAIVITMSEFMQAYWY	227
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPFTQMVNNSMKWMQEYWF	229
NTDB id 1016	ACIAD RS01680 WP 004920476.1	EIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFTSFGADLPFTQLVNNMNSNMQDYWF	229
NTDB id 93117	AKN89 RS04985 WP 053108119.1	ETLLDRVATYKEKSEALKSKIKKAMNYPIAVVVVAHVTSILLKVVVPQFQEIFEGFGAELPVFTQLVIGISELLQEYSL	226
NTDB id 1198	PSJM300 03950 AFN76868.1	ETLLDRVATYKEKTALKAIKKAMNPYIAVVLVAIVTAILLIKVVPQFDVFANFGAELPPLTMVIGLSEALQAWWY	226
consensus		*****!***!!** * ** !**** * !!* !****!* ****!* *****! ! **** * !***!***!!*!****!*****!	

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NTDB id 1029 TT RS02230 WP 011228203.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 93117 AKN89 RS04985 WP 053108119.1
NTDB id 1198 PSJM300 03950 AFN76868.1
consensus

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