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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVA	VIGV	LAAIAIP	QYQNYV	KKSA	IGVGLAN	ITALKTN	IEDY	IATEGS	FPPATTAGTAA	77
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVA	VIGV	LAAIAIP	QYQNYV	KKSA	IGVGLAN	ITALKTN	IEDY	IATEGS	FPPATTAGTAA	77
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVA	VIGV	LAAIAIP	QYQNYV	KKSA	IGVGLAN	ITALKTN	IEDY	IATEGS	FPPATTAGTAA	77
NTDB id 1292	VP	RS12235	WP 005479693.1	...MKHKSQKK	QKGF	TLIELMIVVA	IIGV	LAAIAIP	QYQNYV	TRSE	VTSGLAT	VKALIT	PAELHY	QENGIA	AAAAA	71
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGF	TLIELMIVVA	IIGILA	AAIAIP	QYQNYA	KSQVNS	GFSE	ISSIKT	GYENAV	NEGAV	PTKLSDV	69
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELMIVVA	IIGILA	AAIAIP	QYQNYV	VARSEG	ASALAS	VNPLKT	TVVEAL	SRGWS	VKSGTG	71
NTDB id 1204	PSJM300	03935	AFN76865.1	MKPVKSSC	RGF	SLIELMIVVA	IIGILA	AAIALP	AYQNYT	VRSTAAS	ALAEIT	PAKAAFE	QAISE	GHTP	PSLVSSL	73
NTDB id 55414	PSEST	RS15975	WP 419184897.1	M	QKGF	TLIELMIVVA	IIGILA	AAIALP	AYQDYTV	RSNAAAA	ALAEIT	PGKIGFE	QAVNE	GKTP	STTAAD	67
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELMIVVA	IIGILA	AAIALP	AYQDYTV	RSNAAAA	ALAEIT	PGKIGFE	QAVNE	GKTP	SLTSTD	71
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGF	TLIELMIV	TAIV	GILAAV	ALPAYQ	DYTARA	QVSEAT	LLAEGQ	KSAT	VEYYL	NHGIW	73
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGF	TLIELMIVVA	IIGILA	AAIAIP	AYQDYTV	RRARVTE	GLSLAA	QAKALV	SENAANA	QSDLSV	74
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELMIV	TAIV	GILAAIAIP	AYTDYT	VRARVSE	GLTAA	SSMKT	TVSEN	ILNAG	ALVAGT	72
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELMIVVA	IIGILA	AAIAIP	AYQDYT	IRARVTE	GLTLADS	AKLAV	SETAIT	NNAL	PATQAAT	71
NTDB id 1258	GCO85	RS09745	WP 014844212.1	MR	QKGF	TLIELMIVVA	IIGILA	AAIAIP	AYQDYT	IRARVTE	GLTLADS	AKLAV	SETAIT	NNAL	PATQAAT	71
consensus				*****												

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	GFTR.L...	GTVE	...DMG	DKGK	VIAPTAS	GALG	GTIKY	TF	DAGV	VSSSKI	QLA	RD	ANGLWTC	133
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	GFTR.L...	GTVE	...DMG	DKGK	VIAPTAS	GALG	GTIKY	TF	DAGV	VSSSKI	QLA	RD	ANGLWTC	133
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	GFTR.L...	GTVE	...DMG	DKGK	VIAPTAS	GALG	GTIKY	TF	DAGV	VSSSKI	QLA	RD	ANGLWTC	133
NTDB id 1292	VP	RS12235	WP 005479693.1	...T.LAQL	GVDVA	AND	LGAI	DSA	LAG	SPTLT	FTFD	ADSSID	GGIL	TFT	RD	AATGWSC	126
NTDB id 1038	HON27	RS01510	WP 000993725.1	GFTA	A	TSSV	CATYS	IDAFT	ETD	GAGKIT	CTLK	...GNPK	IATK	IVELT	RS	TDGAWTC	123
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKK.EVPL	GVAAD	ANK	LG	TTIA	..LKPD	PADGT	ADIT	LTFT	MTGG	GAGPK	NKGI	ITLT	135
NTDB id 1204	PSJM300	03935	AFN76865.1	PGFI	GIGAS	TNY	CTVT	..LIA	TAT	GSIT	CT	..TQNG	MPDR	FNKG	KTIT	IA	127
NTDB id 55414	PSEST	RS15975	WP 419184897.1	PGYI	GVGAT	TSY	CGVT	..VTFT	..QAT	GVG	SIACA	..TTGG	NAGK	FN	SKTIT	LN	124
NTDB id 1197	PSJM300	03940	AFN76866.1	EGYI	GITDS	TSY	CDVD	LDT	AAD	GHIET	AKGG	NAGK	F	DGKT	ITLN	RT	125
NTDB id 1109	OK783	RS10670	WP 157147416.1	ASASTI	KG	KYVQ	KVEV	AKG	V	TAQMA	ST	GVN	KEIQ	...DKK	LSLWAK	RQD	127
NTDB id 1424	RS	RS02795	WP 011000517.1	GSSVF	...TP	TKN	VAN	LT	AGT	GTVP	QITV	TYT	..T	AAG	GGT	LALVPTA	138
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	SSCVGVQ	EISAS	NATTN	VATA	TCG	ASSAG	QIIV	TMDT	...KAK	GANIT	LTPT	YAS	GAVTWKC	132
NTDB id 1274	LPP	RS09530	WP 011214168.1	V.....SPAA	TPN	VAS	I	AIGA	..NGV	ITITY	TA	AAG	GGT	IVMT	PTL	QANG	120
NTDB id 1258	GCO85	RS09745	WP 014844212.1	V.....SPAA	TPN	VQS	I	AIGA	..NGV	ITITY	TA	AAG	GGT	IIMT	PTL	QANG	120
consensus				* * * * *												! ! !	

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	STT.....	VTSEI	APKG	CTAG	ATIN		153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	STT.....	VTSEI	APKG	CTAG	ATIN		153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	STT.....	VTSEI	APKG	CTAG	ATIN		153
NTDB id 1292	VP	RS12235	WP 005479693.1	LPT.....	APAIA	VDG	CS			139
NTDB id 1038	HON27	RS01510	WP 000993725.1	VSD.....	VPT	EFL	PKG	CTAG	TPTEGAITS	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	TSD.....	QDEQ	FIP	KG	CSK		150
NTDB id 1204	PSJM300	03935	AFN76865.1	TSD.....	LDS	RYK	PGK	CL		141
NTDB id 55414	PSEST	RS15975	WP 419184897.1	AST.....	LDA	KYK	PGK	CS		138
NTDB id 1197	PSJM300	03940	AFN76866.1	AST.....	LDA	KYK	PGK	CS		139
NTDB id 1109	OK783	RS10670	WP 157147416.1	GQPVTR	TGDNDD	TVADANNA	IDT	KHLP	STCRDESSAT	164
NTDB id 1424	RS	RS02795	WP 011000517.1	YAQNKA	QAAA	SSVAP	SGTMS	LAA	KYAPAE	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	TTT.....	S	DKY	V	PSE	CRG	147
NTDB id 1274	LPP	RS09530	WP 011214168.1	TGG.....	TLLA	KYR	PAS	CRP		136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	TGG.....	TLLA	KYR	PAS	CRP		136
consensus				**	*	**	*	!	*	

 non conserved
 similar
 $\geq 50\%$ conserved