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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1292	VP	RS12235	WP 005479693.1	...MKHSKQKK	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QNYV	TRSE	VTS	GLAT	VKAL	ITPA	ELHY	QENG	I.AAAA			71
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYA	KSQV	NSGF	SEISSI	KTGY	ENAV	NEG	AV.PTK	LSD...			68
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	ARSE	GA	SLAS	VNPL	KTIT	VEE	ALS	RGS	W.VKS	GTG	71
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTV	RSNA	AAAA	LA	EITP	GKIG	FEQA	INEG	KT.PSL	TSTD..		71
NTDB id 1191	AAC28468.1	484..945()		MLKKV	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTA	RAQA	TEG	FKAT	AGLQ	TDLG	AWRAD	RG	SFP	NAAAL	VAG	74
NTDB id 1400	DSB67	RS12660	WP 010643261.1	...MKTNKQKK	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTK	KAT	MAE	FPK	IASST	KLAV	ELCA	HEH	AAD	AGAF	KTK	77
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTV	RSKV	VSE	ALIA	AASSP	KSAL	SEAF	QTD	GIT	GMTA	AAK	73
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTA	RAQV	SEA	ILLA	EGQK	SAV	TEYY	LNHG	IWP	PKD	NT....	69
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTA	RAQV	SEA	ILLA	EGQK	SAV	TEYY	LNHG	KWP	PEN	NT....	69
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTV	RRAR	VTE	GLSL	AAQA	KALV	SENA	ANA	QSD	LSV	76
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	TDYTV	RRAR	VSE	GLTA	ASSM	KTIV	SENI	LNA	GAL	VAG	TP....	68
NTDB id 1001042	ABFU53	RS05260	WP 011038214.1	MKK	QNGF	TLIELM	MIVV	AVI	AIL	AAIA	IPAY	QDYL	LARS	QV	SEGL	SLAS	GAKT	AVA	EY	ANT	GAF	PAT	68
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTI	IRAR	VTE	GLTL	ADSA	KLAV	SE	TAIT	NNAL	PAT	QA....	67
NTDB id 1258	GC085	RS09745	WP 014844212.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTI	IRAR	VTE	GLTL	ADSA	KLAV	SE	TAIT	NNAL	PAT	QA....	67
consensus					!	*	!	!	!	!	!	!	!	*	!	*	!	!	!	!	*	*	

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	AACF.....	TRLG.....	TVED....	MGD	GKIV	IAPT	ASGAL	GGT	IKYT.F.	DAGV	VSSSK	IQL	123		
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	AACF.....	TRLG.....	TVED....	MGD	GKIV	IAPT	ASGAL	GGT	IKYT.F.	DAGV	VSSSK	IQL	123		
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	AACF.....	TRLG.....	TVED....	MGD	GKIV	IAPT	ASGAL	GGT	IKYT.F.	DAGV	VSSSK	IQL	123		
NTDB id 1292	VP	RS12235	WP 005479693.1	...T..LAQL	GVDVAA.....	NDLG.....	A	IDSAL.....	AGS	SPTL.....	TFT.FD	ADSS	ID	GGI	LTF	116		
NTDB id 1038	HON27	RS01510	WP 000993725.1	VG	FTAAT.....	SSVC.....	ATYS	IDAFT	ETD	GAGKI.....	TCTLK..	GNPKI	AT	KI	VEL	113		
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKK..EVPL	GVAADA.....	NKLG.....	TIA	LKP.DP	ADGT	ADIT.....	LTFT	MG	GAGP	KNK	GIITL	124		
NTDB id 1197	PSJM300	03940	AFN76866.1	EGYI	GITDS.....	TSYC.....	DVD.LD..	TAAD	GHI.....	ECTA	KGN	AGK	FD	GKT	ITL	115		
NTDB id 1191	AAC28468.1	484..945()		NVI.....FDS	A.....	NGLD	GKYF	APGG	VTVT...PDT	GA.....	INIA	FDA..	GANA	GKT	MTI	119		
NTDB id 1400	DSB67	RS12660	WP 010643261.1	QTAN	GIPAAF.....	TLNNLT	VTPA	AGA..	ASGA.....	ISIT	VNA	AN...DK	GP	IKQ		120		
NTDB id 1188	NELON	RS01755	WP 003772458.1	NKTAAAGGG	AGGAAAG.....	TQ	HASKY	VKS	VKTE	ASPWD	ITV	AI.....	SATE	ANGI	PTGLD	GNT	IRL	134
NTDB id 1109	OK783	RS10670	WP 157147416.1	SAGV	ASA.....	STIK	GKYV	QKVE	VAKGV	VTA.....	QMA	STG	VNKE	IQDK	KL	LSL	114	
NTDB id 1119	NGFG	RS11465	WP 017147169.1	SAGV	ASPP.....	TDIK	GKYV	KEVE	VKNGV	VTA.....	TML	SSG	VNNE	IKG	KKL	LSL	115	
NTDB id 1424	RS	RS02795	WP 011000517.1	S.....	VFTPT	KNVAN	LTI	AGT	GTVP...GQ.....	ITVT	YT...TA	AG	GGT	LAL		115		
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	STAG	SSCV	GVEIS	ASNATT	NVAT	ATCG	ASS.....	A.....	GQI	IVT	MDTT	KAK	GANITL	119	
NTDB id 1001042	ABFU53	RS05260	WP 011038214.1	AAG	LEAA.....	ANIK	GKYV	TSVT	VGAGG.....	I.....	ITAA	FNTA	NAK	LSG	KNL	VL	112	
NTDB id 1274	LPP	RS09530	WP 011214168.1	ATGY	VSP.....	AA..	TPNV	ASIA	IGANG.....	V.....	ITIT	YTAAA...	GGT	IVM		106		
NTDB id 1258	GC085	RS09745	WP 014844212.1	ATGY	VSP.....	AA..	TPNV	QSI	IGANG.....	V.....	ITIT	YTAAA...	GGT	IIM		106		
consensus					*	*		*		*		*		*	*	*		

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	AR.DANGLWTCST.....TVTSEIAPKGCTAGATIN.....	153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	AR.DANGLWTCST.....TVTSEIAPKGCTAGATIN.....	153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	AR.DANGLWTCST.....TVTSEIAPKGCTAGATIN.....	153
NTDB id 1292	VP	RS12235	WP 005479693.1	TR.DAATGWSCLP.....TAPAIA.VDGCS.....	139
NTDB id 1038	HON27	RS01510	WP 000993725.1	TR.STDGAWTCVS.....DVPTEFLPKGCTAGTPTEGAITSL	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	TRTAADGLWKCTS.....DQDEQFIPKGCSK.....	150
NTDB id 1197	PSJM300	03940	AFN76866.1	NR.TADGEWSCAS.....TLDAKYKPGKCS.....	139
NTDB id 1191	AAC28468.1	484..945()		TPTVI.....AASGQISTWTCAPG.....AANGIETBRLPTSCQ*.....	153
NTDB id 1400	DSB67	RS12660	WP 010643261.1	NEKYILTATYASNGVTWSSECKD.....ATNAVQTSYCP.....	154
NTDB id 1188	NELON	RS01755	WP 003772458.1	FPLVNKA.VP.AATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.....	188
NTDB id 1109	OK783	RS10670	WP 157147416.1	WA.....KRQDGSVKWFCGQPVRTGDNDDTVAD..ANNAIDTKHLPSTCRDESSAT.....	164
NTDB id 1119	NGFG	RS11465	WP 017147169.1	WG.....RRENGSVKWFCGQPVRTRADDDTVADAK..DGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1424	RS	RS02795	WP 011000517.1	VPTAAGTALPVSSAPSGPIMWTCYAQNKAQAAS.SVAPS..GTMSLAAKYAPAECR.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	TP.....TYASGAVTWKCTT.....TSDKKYVPSECRG.....	147
NTDB id 1001042	ABFU53	RS05260	WP 011038214.1	TP.....TDNNGSISWGCTNG.....TTIDQKYLPTS CRTAAAP.....	146
NTDB id 1274	LPP	RS09530	WP 011214168.1	TPT.....LQANGDVTWTCCTGG.....TLL.AKYRPASCRP.....	136
NTDB id 1258	GC085	RS09745	WP 014844212.1	TPT.....LQANGDVTWTCCTGG.....TLL.AKYRPASCRP.....	136
consensus				*! **.....* ** *	

- non conserved
- similar
- ≥50% conserved