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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	VTSG	LATV	KALI	TPAE	LHYQ	ENGI	.AAAA	.....		71		
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYA	KSQV	NSGF	SEISSI	KTGY	ENAV	NEGA	AV	.PTKL	SD...		68		
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	ARSE	GAAL	ASVN	NPLK	TTVE	EALSR	GWS	.VKSG	TGTED		71		
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	LPAY	QDYT	VR	SNAAA	LA	EITPG	KIGF	EQAIN	EGKT	.PSLT	STD..		71		
NTDB id 1191	AAC28468.1	484..945()		MLKKV	QKGF	TLIELM	MIV	IAI	GILA	AAIA	LPAY	QDYT	TARA	QATE	GFKAT	AGLQ	TDLG	AWRAD	RG	SFP	NAAAL	VAG	74		
NTDB id 1400	DSB67	RS12660	WP 010643261.1	...MKTNKQKK	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	LAIP	AYQD	YTK	KAT	MAEF	PKIAS	STKL	AVEL	CAHEH	AAD	AGAF	KTKCH	77		
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGF	TLIELM	MIV	IAI	GILA	AAIA	LPAY	QDYT	VR	SKV	SEAL	IA	ASSP	K	SAL	SEAF	QTDG	ITGMT	AAAKAF	73	
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	LPAY	QDYT	TARA	QV	SEAIL	LAEG	QK	SAV	TEYY	LNHG	IWPK	DNT....		69	
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	LPAY	QDYT	TARA	QV	SEAIL	LAEG	QK	SAV	TEYY	LNHG	KWPEN	NT....		69	
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYT	VR	ARV	TEGL	SLAA	QAK	KALV	SENA	ANAQ	SDLS	SVGS....		76
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	TDYT	VR	ARV	SEGL	TA	ASSM	KT	TVSE	NILN	AGAL	VAGTP....		68	
NTDB id 1000881	ABFU42	RS05475	WP 011038214.1	MKK	QNGF	TLIELM	MIVV	AVI	AIL	AAIA	LPAY	QDYL	LARS	QV	SEGL	SLAS	GAKT	A	VAE	TYANT	GAF	PATNA....		68	
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYT	IR	ARV	TEGL	TLAD	SAK	LAV	SE	TAIT	NNAL	PATQA....		67	
NTDB id 1258	GC085	RS09745	WP 014844212.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYT	IR	ARV	TEGL	TLAD	SAK	LAV	SE	TAIT	NNAL	PATQA....		67	
consensus					!	*	!	!	!	!	!	!	!	*	!	*	!	!	!	!	*	*			

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NTDB	id	1184	GTF74	RS02335	WP	000649326.1		AACF		TRL	G		TVED		MGD	GKIV	IAPT	ASGAL	GGT	IKYT	.F.	DAGV	VSSSK	IQL	123	
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	.....	AACF	.....	TRL	G	.....	TVED	....	MGD	GKIV	IAPT	ASGAL	GGT	IKYT	.F.	DAGV	VSSSK	IQL	123	
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	.....	AACF	.....	TRL	G	.....	TVED	....	MGD	GKIV	IAPT	ASGAL	GGT	IKYT	.F.	DAGV	VSSSK	IQL	123	
NTDB	id	1292	VP	RS12235	WP	005479693.1	...T..	LAQL	GVDV	AA		NDLG		AIDS	AL...	AG	SP	TL		TFT	.FD	ADSS	ID	GGI	ITF	116
NTDB	id	1038	HON27	RS01510	WP	000993725.1	.....	VG	FTAAT	.....	SSVC	.....	ATYS	IDAFT	ETD	GAGKI	.....	TCTL	K..GNP	KIAT	KI	VEL			113	
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	ATKK..	EVPL	GVAADA	.....	NKLG	.....	TIA	.LKP	.DPAD	GTADIT	.....	LTFT	MG	GAGP	KNK	GKI	ITL		124	
NTDB	id	1197	PSJM300	03940	AFN	76866.1	.....	EGYI	GITDS	.....	TSYC	.....	DVD	.LD..	TAAD	GHI	.....	ECTA	KGN	AGK	FDG	GKT	ITL		115	
NTDB	id	1191	AAC28468.1	484..	945()		NVI	.....	FDS	A	.....	NG	LDGKY	FAPGG	VTVT	...PDT	GA	.....	INIA	FDA..	GANA	GKT	MTI		119	
NTDB	id	1400	DSB67	RS12660	WP	010643261.1	.....	QTAN	GIPAAF	.....	TLNN	LT	VT	PAAGA	..ASGA	.....	ISIT	VNA	AN...DKG	PIKQ				120		
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAAGGG	AGGAAAG	.....	TQ	HASKY	VKS	VK	VT	EASP	WDITV	AI	.....	SATE	ANGIPT	GLD	GNT	IRL		134	
NTDB	id	1109	OK783	RS10670	WP	157147416.1	.....	SAGV	ASA	.....	ST	IKGKY	VQKVE	VAKGV	VT	.....	QMA	STG	VNKEI	QDKK	LSL			114		
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	.....	SAGV	ASPP	.....	TD	IKGKY	VKEVE	VKNGV	VT	.....	TML	SSG	VNNEI	KGKK	LSL			115		
NTDB	id	1424	RS	RS02795	WP	011000517.1	.....	S	.....	VFT	PTKN	VANLT	IAGT	GTVP	...GQ	.....	ITV	TYT...TAAG	GGT	LAL				115		
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	.....	ST	AGSS	CVGV	QEIS	ASN	ATTN	VATAT	CGASS	A	.....	GQI	I	VTMD	TTKAK	GAN	ITL		119	
NTDB	id	1000881	ABFU42	RS05475	WP	011038214.1	.....	AAG	LEA	.....	AN	IKGKY	VTSVT	VGAGG	I	.....	IT	A	FNT	ANAK	LSGKN	LVL		112		
NTDB	id	1274	LPP	RS09530	WP	011214168.1	.....	AT	GYVSP	.....	AA	..TPN	VASIA	IGANG	V	.....	IT	ITYT	AAA...GGT	I	V			106		
NTDB	id	1258	GC085	RS09745	WP	014844212.1		AT	GYVSP		AA	..TPN	VQ	SIA	IGANG	V		IT	ITYT	AAA...GGT	I	I		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.....RRENGSVKWFCGQPVRADDDTVADAK..DGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1424	RS	RS02795	WP 011000517.1	VPTAAGTALPVSSAPSGPIMWTICYAQNKQAAS.SVAPS..GTMSLAAKYAPAECR.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	TP.....TYASGAVTWKCTT.....TSDKKYVPSECRG.....	147
NTDB id 1000881	ABFU42	RS05475	WP 011038214.1	TP.....TDNNGSISWGCTNG.....TTIDQKYLPTS CRTAAAP.....	146
NTDB id 1274	LPP	RS09530	WP 011214168.1	TPT.....LQANGDVTWTCTGG.....TLL.AKYRPASCRP.....	136
NTDB id 1258	GC085	RS09745	WP 014844212.1	TPT.....LQANGDVTWTCTGG.....TLL.AKYRPASCRP.....	136
consensus				*!***.....*	

- non conserved
- similar
- ≥50% conserved