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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVVA	VIGV	LAAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVVA	VIGV	LAAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELM	MIVVA	VIGV	LAAIA	IPQY	QNYV	KKSA	IGV	GLAN	ITAL	KTNI	EDYI	ATEG	SFP	PATT	AGT..	75
NTDB id 1292	VP	RS12235	WP 005479693.1	...MKHSKQKK	QKGF	TLIELM	MIVVA	IIGV	LAAIA	IPAY	QNYV	TRSE	VTS	GLAT	VKAL	ITPA	ELHY	QENG	I.AAAA		71	
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGF	TLIELM	MIVVA	IIGI	LAAIA	IPQY	QNYA	KSQV	NSG	FSEI	ISSI	KTGY	ENAV	NEG	AV.PTK	LSD...	68	
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELM	MIVVA	IIGI	LAAIA	IPQY	QNYV	ARSE	GA	SLAS	VNPL	KTIT	VEE	ALS	RGS	W.VKS	GTG	71
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELM	MIVVA	IIGI	LAAIA	LPAY	QDYTV	RSNA	AAAL	AEIT	TPGK	IGFE	QAIN	EGKT	PSLT	STD..	71	
NTDB id 1191	AAC28468.1	484..945()		MLKKV	QKGF	TLIELM	MIV	IAI	GILAA	IALPAY	QDYTA	RAQA	TEG	FKAT	AGLQ	TDLG	AWRAD	RG	SFP	NAAAL	VAG	74
NTDB id 1400	DSB67	RS12660	WP 010643261.1	...MKTNKQKK	QKGF	TLIELM	MIVVA	IIGI	LAAIA	LAIPAY	QDYTK	KATM	AEF	PKIAS	STKL	AVEL	CAHEH	AADAG	AFK	TKCH		77
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGF	TLIELM	MIV	IAI	GILAA	IALPAY	QDYTV	RSKV	VSE	ALIA	AASS	PKS	ALSE	AFQ	TDG	ITG	MTAA	73
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGF	TLIELM	MIV	IAI	GILAA	VALPAY	QDYTA	RAQV	SEA	ILLA	EGQK	SAV	TEYY	LNHG	IWPK	DNT....	69	
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGF	TLIELM	MIV	IAI	GILAA	VALPAY	QDYTA	RAQV	SEA	ILLA	EGQK	SAV	TEYY	LNHG	GKWP	ENNT....	69	
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGF	TLIELM	MIVVA	IIGI	LAAIA	IPAY	QDYTV	RRAR	VTEGL	SLAA	QA	KALV	SENA	ANA	QSD	LSVGS....	76
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELM	MIV	IAI	GILAA	IAIPAY	TDYTV	RRAR	VSEGL	TAASS	MKT	TVSE	NILN	AGAL	VAG	TP....	68	
NTDB id 1000019	ABFU44	RS05260	WP 011038214.1	MKK	QNGF	TLIELM	MIVVA	II	AILAA	IALPAY	QDYL	LARS	QVSE	GLSL	ASGAK	TAVA	EYANT	GAF	PAT	NA....	68	
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELM	MIVVA	IIGI	LAAIA	IPAY	QDYTI	RRAR	VTEGL	TLAD	SA	KLAV	SETA	ITNN	AL	PAT	QA....	67
NTDB id 1258	GC085	RS09745	WP 014844212.1	MR	QKGF	TLIELM	MIVVA	IIGI	LAAIA	IPAY	QDYTI	RRAR	VTEGL	TLAD	SA	KLAV	SETA	ITNN	AL	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.DAG	VSSSK	IQL	123		
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	AACF	TRLG	TVED	MGD	GKIV	IAPT	ASGAL	GGT	IKYT	.F.DAG	VSSSK	IQL	123		
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	AACF	TRLG	TVED	MGD	GKIV	IAPT	ASGAL	GGT	IKYT	.F.DAG	VSSSK	IQL	123		
NTDB id 1292	VP	RS12235	WP 005479693.1	...T..LAQL	GVDVAA	NDLG	AIDSAL	AG	SPTL		TFT	.FDAD	SSID	GGI	ITF	116		
NTDB id 1038	HON27	RS01510	WP 000993725.1	VG	FTAAT	SSVC	ATYS	IDAFT	ETD	GAGKI		TCTLK	..GNPK	IATKI	VEL	113		
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKK..EVPL	GVAADA	NKL	G.....TIA	.LKP	.DPAD	GTADIT		LTFT	MGG	AGPK	NKGI	ITL	124	
NTDB id 1197	PSJM300	03940	AFN76866.1	EGYI	GITDS	TSYC	DVD	.LD..TAAD	GHI		ECTA	KGN	AGK	FDGKT	ITL	115		
NTDB id 1191	AAC28468.1	484..945()		NVI.....FDS	A.....	NGLD	GKYF	FAPGG	VTVT...PDT	GA.....	INIA	FDA..GAN	AKT	MTI		119		
NTDB id 1400	DSB67	RS12660	WP 010643261.1	QTAN	GIPAAF	TLNN	LTV	TPAAGA..ASGA		ISIT	VNAAN...DKGP	IKQ	120					
NTDB id 1188	NELON	RS01755	WP 003772458.1	NKTAAAGGG	AGGAAAG	TQH	ASKY	VKS	VKTE	ASPWDITV	AI.....	SATE	ANGI	PTGLD	GNT	IRL	134	
NTDB id 1109	OK783	RS10670	WP 157147416.1	SAGV	ASA.....	STIK	GKYV	QKVE	VAKGV	VTA.....	QMAST	GVN	KEI	QDK	LSL	114		
NTDB id 1119	NGFG	RS11465	WP 017147169.1	SAGV	ASPP.....	TDIK	GKYV	KEVE	VKNGV	VTA.....	TMLSS	GVN	NEIK	GKK	LSL	115		
NTDB id 1424	RS	RS02795	WP 011000517.1	S.....	VFTPT	KNVAN	LTI	AGTGT	VPG		ITVT	YT...TAAG	GGT	LAL	115			
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	STAG	SSCV	GVQE	ISAS	NATT	NVAT	ATCGASS		A.....	GQII	VTM	DTTK	KAGAN	ITL	119
NTDB id 1000019	ABFU44	RS05260	WP 011038214.1	AAG	LEAA	ANIK	GKYV	TSVT	VGAGG		I.....	ITAA	FNT	ANAK	LSGKN	LVL	112	
NTDB id 1274	LPP	RS09530	WP 011214168.1	ATGY	VSP	AA..TP	NV	ASIA	IGANG		V.....	ITIT	YTAAA...	G	GGT	IVM	106	
NTDB id 1258	GC085	RS09745	WP 014844212.1	ATGY	VSP	AA..TP	NV	Q	SIA	IGANG		V.....	ITIT	YTAAA...	G	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.....RRENGSVKWFCGQPVRADDDTVADAK..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 1000019	ABFU44	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