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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	NEGA	AV.PTK	LSD...			68
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPQY	QNYV	ARSE	GASAL	ASVN	NPLK	ITVE	EAL	SRGW	S.VK	SGTG	TED	71
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTV	RSNAAA	LA	EITPG	KIGF	EQAI	NEGT	KT.PS	LTST	D..		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	KATM	AEFP	KIAS	STKL	AVEL	CAHE	HAAD	AGAF	KTK	CH	77
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTV	RSKV	SEAL	IA	ASSP	KSAL	SEAF	QTD	GIT	GMTA	AAKAF	73
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTA	RAQV	SEAI	LLAE	GQKS	AVTE	EYYL	NHGI	WPK	DNT....		69
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	QDYTA	RAQV	SEAI	LLAE	GQKS	AVTE	EYYL	NHGI	WPK	PENNT....		69
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTV	RRAR	TEGL	SLAA	QAKA	LVSE	NAANA	QSD	LSVG	S....	76
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELM	MIV	IAI	GILA	AAIA	IPAY	TDYTV	RRAR	VEGL	TA	ASSM	KTIV	SENI	LNA	GAL	VAG	TP....	68
NTDB id 1042272	ABQE90	RS05520	WP 011038214.1	MKKQ	NGFT	TLIELM	MIVV	AVI	AIL	AAIA	IPAY	QDYL	LARS	QVSE	GLSL	ASGA	KTA	VAE	TYANT	GAF	PAT	NA....	68
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTI	RRAR	TEGL	TLAD	SAKL	AVSE	TAIT	NNAL	PAT	QA....		67
NTDB id 1258	GC085	RS09745	WP 014844212.1	MR	QKGF	TLIELM	MIVV	AVIG	VLA	AAIA	IPAY	QDYTI	RRAR	TEGL	TLAD	SAKL	AVSE	TAIT	NNAL	PAT	QA....		67
consensus					!	*	!	!	!	!	!	!	!	*	!	*	!	!	!	!	*	*	

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	AACF.....	TRLG.....	TVED.....	MGD	GKIV	IAPT	ASGA	LGGT	IKYT.F.	DAGV	VSSSK	IQL	123
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	AACF.....	TRLG.....	TVED.....	MGD	GKIV	IAPT	ASGA	LGGT	IKYT.F.	DAGV	VSSSK	IQL	123
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	AACF.....	TRLG.....	TVED.....	MGD	GKIV	IAPT	ASGA	LGGT	IKYT.F.	DAGV	VSSSK	IQL	123
NTDB id 1292	VP	RS12235	WP 005479693.1	...T..LAQL	GVDVAA.....	NDLG.....	AIDSAL.....	AGS	PRTL.....	TFT.FDAD	SSID	GGI	TF			116
NTDB id 1038	HON27	RS01510	WP 000993725.1	VGFTA	AAT.....	SSVC.....	ATYSIDAFT	ETD	GAGKI.....	TCTLK..GNP	KIAT	KIVEL				113
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKK..EVPL	GVAADA.....	NKLG.....	TIA.LKP.DPAD	GTADIT.....	LTFTMGGAG	PKNK	GKI	ITL				124
NTDB id 1197	PSJM300	03940	AFN76866.1	EGYI	GITDS.....	TSYC.....	DVD.LD..	TAAD	GHI.....	ECTAKGGNAG	KFD	GKT	ITL			115
NTDB id 1191	AAC28468.1	484..945()		NVI.....	FDSA.....	NGLD	GKYFAPGG	VTVT...PDT	GA.....	INIA	FDA..	GANA	GKT	MTI		119
NTDB id 1400	DSB67	RS12660	WP 010643261.1	QTAN	GIPAAF.....	TLNNLT	VT	PAAGA..	ASGA.....	ISIT	VNAAN...DKGP	IKQ				120
NTDB id 1188	NELON	RS01755	WP 003772458.1	NKTAAAGGG	AGGAAAG.....	TQHASKYVKS	VKVTEAS	PWDIT	VAI.....	SATEANGIPT	GLD	GNT	IRL			134
NTDB id 1109	OK783	RS10670	WP 157147416.1	SAGV	ASA.....	STIKGKYV	QKVEVAKG	VVTA.....	QMASTGVNKEI	QDKK	LSL					114
NTDB id 1119	NGFG	RS11465	WP 017147169.1	SAGV	ASPP.....	TDIKGKYVKE	VEVKN	GVVTA.....	TMLSSGVNNEI	KGKK	LSL					115
NTDB id 1424	RS	RS02795	WP 011000517.1	S.....	VFTPTKNVAN	LT	AGTGTVP...	GQ.....	ITVTYT...TAAG	GGT	LAL					115
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	STAG	SSCVGVQE	ISASNATTN	NVATATCG	ASS.....	A.....	GQII	VTMDTTKAK	GAN	ITL			119
NTDB id 1042272	ABQE90	RS05520	WP 011038214.1	AAGLEA	A.....	ANIKGKYV	TSVT	VGAGG.....	I.....	ITAA	FNTANAKLS	GKN	LVL			112
NTDB id 1274	LPP	RS09530	WP 011214168.1	ATGY	VSP.....	AA..TPNV	ASIA	IGANG.....	V.....	ITITYT	AAA...GGGT	IVM				106
NTDB id 1258	GC085	RS09745	WP 014844212.1	ATGY	VSP.....	AA..TPNV	QSI	IGANG.....	V.....	ITITYT	AAA...GGGT	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 1042272	ABQE90	RS05520	WP 011038214.1	TP.....TDNNGSISWGCTNG.....TTIDQKYLPTS CRTAAAP.....	146
NTDB id 1274	LPP	RS09530	WP 011214168.1	TPT.....LQANGDVTWTCCTGG.....TLLAKYRPASCRP.....	136
NTDB id 1258	GC085	RS09745	WP 014844212.1	TPT.....LQANGDVTWTCCTGG.....TLLAKYRPASCRP.....	136
consensus				*! **.....* ** *	

- non conserved
- similar
- ≥50% conserved