

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	...MKAYKNKQ	QKGF	TLIELM	IVVA	IGV	LAAAI	APQ	YQNY	VVKKS	AI	GVGL	ANIT	AL	KTNI	IEDY	IATE	GSFP	ATTAG	TAA	77					
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	...MKAYKNKQ	QKGF	TLIELM	IVVA	IGV	LAAAI	APQ	YQNY	VVKKS	AI	GVGL	ANIT	AL	KTNI	IEDY	IATE	GSFP	ATTAG	TAA	77					
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	...MKAYKNKQ	QKGF	TLIELM	IVVA	IGV	LAAAI	APQ	YQNY	VVKKS	AI	GVGL	ANIT	AL	KTNI	IEDY	IATE	GSFP	ATTAG	TAA	77					
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGF	TLIELM	IVVA	IIGIL	AAAI	APQ	YQNY	IAKS	QVNS	GFSE	ISSI	KTGY	ENAV	NE.	GAV	PTKLS	SDV.	..	69					
NTDB	id	1192	PAKAF	RS23870	WP	02947914.1	MKA	QKGF	TLIELM	IVVA	IIGIL	AAAI	APQ	YQNY	IVAR	SEGAS	ALAS	VNPL	KTT	VEE	ALSR	GWSV	KSG	TGTED	..	71					
NTDB	id	1197	PSJM300	03940	AFN	76866.1	MKAQM	QKGF	TLIELM	IVVA	IIGIL	AAAI	PAY	QDYT	VR	SNA	AAAE	ITPG	KIGF	EQAIN	E.	GKT	PSLT	STDE.	..	72					
NTDB	id	1204	PSJM300	03935	AFN	76865.1	MKPVKSSC	RGFS	LI	ELM	IVVA	IIGIL	AAAI	PAY	QNYT	VR	STA	ASAL	AEIT	PKA	AF	EQAI	SE.	GHT	PSLV	SSLP.	74				
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	MK.KIRLIRPLAK	AFT	LI	ELM	IV	IAII	AILA	TIAI	PSY	TSYT	QKAA	LSELL	SAS	ASYK	SD	VEIC	IYNV	GDKKI	SECS	...	76				
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.M.KLTTQQLK	KGF	TLIELM	IV	IAII	AILA	TIAI	PSY	QNYT	TKAA	VSELL	QAS	APYK	KAD	VEL	CV	YSTNE	..	TINCT	...	73				
NTDB	id	1354	HI	0299	AAC21963.1		.M.KLTTLQTLK	KGF	TLIELM	IV	IAII	AILA	TIAI	PSY	QNYT	TKAA	VSELL	QAS	APYK	KAD	VEL	CV	YSTNE	..	TISCT	...	73				
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGF	TLIELM	IV	IAI	VGIL	AAV	ALP	AYQD	YTARA	QVSE	AIL	LAEG	QKS	AVT	EYYL	NHG	KW	PEN	NTS	...	70			
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGF	TLIELM	IV	IAI	VGIL	AAV	ALP	AYQD	YTARA	QVSE	AIL	LAEG	QKS	AVT	EYYL	NHG	KW	PEN	NTS	...	70			
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YTARA	QAT	EGF	KAT	AGL	QTD	L	GA	WR	ADR	GSF	P	NAAALVAG	74		
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YT	VR	SKV	SE	ALIA	ASSP	K	SAL	SE	AF	QTD	CITGM	TAAAKAF	73		
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNKR	V	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YT	VR	RV	TEGL	SLAA	QA	KAL	V	SE	NA	ANA	QSDLS		73	
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYT	DT	VR	RV	SEGL	TA	ASSM	K	TTV	SEN	IL	NA	GAL	VAGTP		68	
NTDB	id	56768	LPE509	RS05930	WP	016356941.1	MR	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YT	IR	RV	TEGL	TL	AD	SA	K	LAV	SE	TA	IT	NNAL	PPTQA		67
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YT	IR	RV	TEGL	TL	AD	SA	K	LAV	SE	TA	IT	NNAL	PATQA		67
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGF	TLIELM	IV	IAI	VGIL	AAAI	ALP	AYQD	YT	IR	RV	TEGL	TL	AD										

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	CF....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..	126
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	CF....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..	126
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	CF....TRLGTV.....DMGDGKIVIIAPTASGALGGTIKYTFDAGVVSSSKIQLARD..	126
NTDB	id	1038	HON27	RS01510	WP	000993725.1	GFTAATSVCATYSIDA...FTETDGACKIT.CTLKG.....NPKIATKIVELTRS..	116
NTDB	id	1192	PAKA	AF RS23870	WP	024947914.1	ATK.....KEVPLGVAAADANKLGTIALKP...DPADGTADITLTFTMGG.....AGPKNKGKIITLTRT..	127
NTDB	id	1197	PSJM300	O3940	AFN	76866.1	GYIGITDSTS.YCDVDLD...TAADGH...IE.CTAKGG.....NAGKFDGKITILNR..	118
NTDB	id	1204	PSJM300	O3935	AFN	76865.1	GFIGIGASTN.YCTVTLI...ATATGS...IT.CTTQNG.....MPDRFNGKITITART..	120
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	SGKNGVR...ADKSDVPDAKYLKISIS...VASGVITVAGKGN...IDCYGYMTTP..	122
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	GGKNGIA...ADITT...AKGYVKSVT...TSNGAITVKGDT.....LANMEYILQAT..	118
NTDB	id	1354	HI	O299 AAC21963.1			GGKNGIA...ADIKT...AKGYVASVI...TQSGGITVKGNGT.....LANMEYILQAK..	118
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	AGVASPPIDIKGKYVKEVE...VKNGVVTATMLSS...G.....VNNEIKGKKLSLWG..	117
NTDB	id	1109	OK783	RS10670	WP	157147416.1	AGVASA.STIKGKYVQKVE...VAKGVVTAQMAST...G.....VNKEIQDKKLSLWA..	116
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSANGLDGKYF.....APGGVTV.TPDTGAINIAFDAG...ANAGKTMTITPTVI	124
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAGGGGAGGAAAACTQH...ASKYVKSV.KVTEASPWDITVAISATEANG.....IPTGLDGNTRFLFPLVN	139
NTDB	id	1424	RS	RS02795	WP	011000517.1	VGSSVF.....T.PTKNVANLTIAGTGTVPQGKITVITYT.T.....AAGGTLALVPTAA	120
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S....TAGSSSCVGVQEISASNATTNVAT.ATCGASSAGQIIVTMDT.....KAKGANITLTPT..	122
NTDB	id	56768	LPE509	RS05930	WP	016356941.1	A...TG...YV.....SPAATPNVQS.IAIG..ANGVITITY.TA.....SAGGTVIMTPTL.	110
NTDB	id	1258	GC085	RS09745	WP	014844212.1	A...TG...YV.....SPAATPNVQS.IAIG..ANGVITITY.TA.....AAGGTVIMTPTL.	110
NTDB	id	1274	LPP	RS09530	WP	011214168.1	A...TG...YV.....SPAATPNVAS.IAIG..ANGVITITY.TA.....AAGGTVIMTPTL.	110
consensus							* * * * * * * *	

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1038	HON27	RS01510	WP 000993725.1	TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITSL	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	AADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197	PSJM300	03940	AFN76866.1	ADGEWSCAST.....LDAKYKPGKCS	139
NTDB id 1204	PSJM300	03935	AFN76865.1	TDGLWDCTSD.....LDSRYKPGKCL	141
NTDB id 1383	A4U84	RS08530	WP 005711781.1	KFANNNTTWTATSCQGA...DISL.....FPANFCGQKATP	154
NTDB id 1365	NTHI	RS01955	WP 011271973.1	GNAATGVTWTTTICKGT...DASL.....FPANFCGSVTQ	149
NTDB id 1354	HI 0299	AAC21963.1		GNAAGVTWTTTICKGT...DASL.....FPANFCGSVTK	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	RRENGSVKWFVCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK	166
NTDB id 1109	OK783	RS10670	WP 157147416.1	KRQDGSVKWVCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT	164
NTDB id 1191	AAC28468.1	484..945()		A.....ASGQISTWTCAPGAANG.....IETRRRLPTSCQ*	153
NTDB id 1188	NELON	RS01755	WP 003772458.1	K.AVP.AATSTGATDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK	188
NTDB id 1424	RS	RS02795	WP 011000517.1	GTALPVSSAPSGPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAE	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	YASGAVTWKCTTT.....S.DKKYVPSECRG	147
NTDB id 56768	LPE509	RS05930	WP 016356941.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
NTDB id 1258	GC085	RS09745	WP 014844212.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
NTDB id 1274	LPP	RS09530	WP 011214168.1	QANGDVTWCTTGG.....TLLAKYRPASCRP	136
consensus				* * ! * * ** * * *	

- ⓧ non conserved
- ✖ similar
- ⓧ ≥ 50% conserved