

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQ	YQNYVVK	KS	IGVGL	ANITAL	KTNI	IEDY	I	ATEGS	FPA	TTAGTAA	77																							
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQ	YQNYVVK	KS	IGVGL	ANITAL	KTNI	IEDY	I	ATEGS	FPA	TTAGTAA	77																							
NTDB	id	1160	ABDM36	RS20330	WP	000649326.1	...MKAYKNKQ	QKGFTLIELMIVVA	VIGVLA	AIAIPQ	YQNYVVK	KS	IGVGL	ANITAL	KTNI	IEDY	I	ATEGS	FPA	TTAGTAA	77																							
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGFTLIELMIVVA	IIGILAA	AIAIPQ	YQNYIA	KSQVNS	GFSEISSI	KTGYEN	AVNE	.	GAVPT	KLSDV	..		69																							
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	MKA	QKGFTLIELMIVVA	IIGILAA	AIAIPQ	YQNYVAR	SEGAS	ALASVN	PLKT	TTVEE	ALSR	.	GWSVK	SGTG	TED	71																							
NTDB	id	1197	PSJM300	03940	AFN76866.1		MKAQM	QKGFTLIELMIVVA	IIGILAA	I	LPAYQD	YTVRS	NAAA	ALAEIT	PGK	IGFEQ	AIN	E	GKT	PSLT	STDE	72																						
NTDB	id	1204	PSJM300	03935	AFN76865.1		MKPVKSSC	RGFSL	IELMIVVA	IIGILAA	I	LPAYQ	NYTVRS	TAAS	ALAEIT	PAK	A	AFEQA	I	SE	GHT	PSLV	SSLP	74																				
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	MK.KIRLIRPLA	KAFTLIELMIV	IAII	A	ILATIA	IPSY	TSYNTK	KAA	LSELL	SASASY	KSD	VEIC	I	YNV	GDKKI	SECS	...	76																				
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.M.KLTTQQLTK	KGFTLIELMIV	IAII	A	ILATIA	IPSY	NTK	KAA	VELL	QASAPY	KAD	VELC	VYSTNE	..	T	NCT	...	73																				
NTDB	id	1354	HI	0299	AAC21963.1		.M.KLTTQLTK	KGFTLIELMIV	IAII	A	ILATIA	IPSY	NTK	KAA	VELL	QASAPY	KAD	VELC	VYSTNE	..	T	SCT	...	73																				
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGFTLIELMIV	IAI	V	GILAA	V	LPAYQD	YTVRS	QAQV	SE	AILLA	E	GQK	SAV	T	EYYLN	HGK	WPEN	N	TS	...	70																
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGFTLIELMIV	IAI	V	GILAA	V	LPAYQD	YTVRS	QAQV	SE	AILLA	E	GQK	SAV	T	EYYLN	HG	I	WPKD	N	TS	...	70															
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAYQD	YTVRS	QAQV	TEG	F	KATAG	L	Q	T	D	L	G	AWR	ADR	G	S	F	P	N	A	A	L	V	A	G		74					
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAYQD	YTVRS	QV	SE	ALIA	A	ASSP	K	SA	L	S	E	A	F	Q	T	D		G	I	T	M	T	A	A	A	K	A	F		73	
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNKR	V	QKGFTLIELMIV	IAI	V	GILAA	I	ALPAYQD	YTVRS	QV	SE	ALIA	A	ASSP	K	SA	L	S	E	A	F	Q	T	D		G	I	T	M	T	A	A	A	K	A	F		73
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAY	T	DYTVRS	QV	SE	GLTA	A	ASSM	K	T	T	V	SEN	I	L	N	A	G	A	L	V	A	G	T	P		68					
NTDB	id	368442	FIU05	RS04885	WP	016356941.1	MR	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAYQD	YTVRS	QV	SE	GLTA	A	ASSM	K	T	T	V	SEN	I	L	N	A	G	A	L	V	A	G	T	P		68						
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAYQD	YTVRS	QV	SE	GLTA	A	ASSM	K	T	T	V	SEN	I	L	N	A	G	A	L	V	A	G	T	P		68						
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIV	IAI	I	GILAA	I	ALPAYQD	YTVRS																														

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	CF.....	TRLG	TVE.....	DMGDGK	IV	IAPTAS	SGALGGT	IKYTFDAGV	VSSSK	IQLARD..	126		
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	CF.....	TRLG	TVE.....	DMGDGK	IV	IAPTAS	SGALGGT	IKYTFDAGV	VSSSK	IQLARD..	126		
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	CF.....	TRLG	TVE.....	DMGDGK	IV	IAPTAS	SGALGGT	IKYTFDAGV	VSSSK	IQLARD..	126		
NTDB	id	1038	HON27	RS01510	WP	000993725.1	GFTAAT	SSVCAT	YSIDA..	FTETD	GAGKIT	..CTLKG	.....	NPKIATKI	VELTRS..	116			
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	ATK.....	KEVPL	GVAADANK	LGTIAL	KP...DPAD	GTAD	ITLTFT	MGG.....	AGPKNK	GKIITL	TRT..	127	
NTDB	id	1197	PSJM300	03940	AFN	76866.1	GYI	GITDST	S.YCDVD	LD....	TAADGH	..IE	CTAKGG	.....	NAGKFD	GKTI	TLNRT..	118	
NTDB	id	1204	PSJM300	03935	AFN	76865.1	GFI	GIGASTN	YCTVT	LI....	ATATGS	..IT	CTTQNG	.....	MPDRFN	GKTI	TIART..	120	
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	SGKNGVR	...ADKSD	VPDAKY	LKSIS	....	VASGV	ITVAGKN	.....	IDGYGYT	MTP..	122		
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	GGKNGIA	...ADIT	T..AKGY	VKSVT	....	TSNGA	ITVKGDT	.....	LANMEYIL	QAT..	118		
NTDB	id	1354	HI	0299	AAC	21963.1	GGKNGIA	...ADIKT	..AKGY	VASVI	....	TSGG	ITVKGNGT	.....	LANMEYIL	QAK..	118		
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	AGVASPPT	DIKGYK	VKEVE	....	VKNGV	VTATML	SS...G	....	VNNEIK	GKKLS	SLWG...	117	
NTDB	id	1109	OK783	RS10670	WP	157147416.1	AGVASA	STIKGYK	VQKVE	....	VAKGV	VT AQMA	ST...G	....	VNKEI	QDKKLS	SLWA...	116	
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSANGLD	GKYF.....	APGGVT	TPDTGA	INTIA	FDAG	.....	ANAGK	MTITPT	TVI	124		
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTAAAGGGG	AGGAAAA	GTQH....	ASKYV	KVS..KVTE	ASPW	INTVAIS	ATEANG		IPITGL	DGNTIR	IFPLVN	139
NTDB	id	1424	RS	RS02795	WP	011000517.1	VGSSVF	T..	PTKN	VANLTI	AGTG	TVPGQ	ITVYT	T.....	AAGGGT	LALVPT	TAA	120	
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	S....	TAGSSCV	GVQEIS	ASNATTN	VAT..ATCG	ASSAGQ	IIVTMD	TT.....	KAKGAN	ITLTPT	..	122	
NTDB	id	368442	FIU05	RS04885	WP	016356941.1	A....	TG...YV	SPA	ATPNV	QS..IAIG	..ANGV	ITITY	TA.....	SAGGGT	IIVMTP	TL	110	
NTDB	id	1258	GC085	RS09745	WP	014844212.1	A....	TG...YV	SPA	ATPNV	QS..IAIG	..ANGV	ITITY	TA.....	AAGGGT	IIVMTP	TL	110	
NTDB	id	1274	LPP	RS09530	WP	011214168.1	A....	TG...YV	SPA	ATPNV	AS..IAIG	..ANGV	ITITY	TA.....	AAGGGT	IIVMTP	TL	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.....	QDEQFIPKGCSSK.....	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	.....	GNAATGVTWTTTCKGT...DASL.....	FPANFCGSVTQ.....	149
NTDB id 1354	HI 0299	AAC21963.1		.....	GNAAGVTWTTTCKGT...DASL.....	FPANFCGSVTK.....	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	.....	RRENGSVKWFVCGQPVTRADDDTVADA..KDGKE	IDTKHLPSTCRDKASDAK.....	166
NTDB id 1109	OK783	RS10670	WP 157147416.1	.....	KRQDGSVKWFVCGQPVTRTGDNDTVA..DANNA	IDTKHLPSTCRDESSAT.....	164
NTDB id 1191	AAC28468.1	484..945()		A.....	ASGQISTWTCAPGAANG.....	IETRRRLPTSCQ*	153
NTDB id 1188	NELON	RS01755	WP 003772458.1	K.AVP.AATST	GAIDWACASAAKETADKRFGTGSGVAVGTL	PAKYAPSECK.....	188
NTDB id 1424	RS	RS02795	WP 011000517.1	GTALPVSSAPS	CPIMWTCYAQNKAQAASSVAPS...GTMS	LAACYAPAECA.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	.....	YASGAVTWKCTTT.....	S.DKKYVPSECRG.....	147
NTDB id 368442	FIU05	RS04885	WP 016356941.1	.....	QANGDVTWCTTGG.....	TLLAKYRPASCRP.....	136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	.....	QANGDVTWCTTGG.....	TLLAKYRPASCRP.....	136
NTDB id 1274	LPP	RS09530	WP 011214168.1	.....	QANGDVTWCTTGG.....	TLLAKYRPASCRP.....	136
consensus					* * ! * * *	* * * *	

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