

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	...MKAYKNKQ	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	VK	KS	AI	GV	GL	AN	IT	AL	KTN	I	EDY	.	I	ATE	GS	FP	ATT	AG	T	76																														
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	...MKAYKNKQ	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	VK	KS	AI	GV	GL	AN	IT	AL	KTN	I	EDY	.	I	ATE	GS	FP	ATT	AG	T	76																														
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	...MKAYKNKQ	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	VK	KS	AI	GV	GL	AN	IT	AL	KTN	I	EDY	.	I	ATE	GS	FP	ATT	AG	T	76																														
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	IA	KS	QV	NS	GF	SE	ISSI	K	T	G	Y	E	N	A	.	V	N	E	.	G	AV	P	T	K	L	S	D	V	69																					
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	MKA	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	VAR	SE	GA	S	A	L	AS	V	N	P	L	K	T	T	T	E	E	A	.	L	S	R	.	G	SV	K	S	G	T	G	T	70																		
NTDB	id	1197	PSJM300	03940	AFN	76866.1	MKA	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	NY	VAR	SE	GA	S	A	L	AS	V	N	P	L	K	T	T	E	E	A	.	L	S	R	.	G	SV	K	S	G	T	G	T	70																			
NTDB	id	1204	PSJM300	03935	AFN	76865.1	MKPVKSSC	R	G	F	S	L	I	E	M	I	V	A	I	G	I	L	A	A	I	A	L	P	A	Y	Q	D	Y	T	V	R	S	N	A	A	A	L	A	E	I	T	P	K	A	A	F	E	Q	A	.	I	S	E	.	G	H	T	P	S	L	V	S	S	L	P	74
NTDB	id	1007	ACIAD	RS15000	WP	004923844.1	MRVRH	G	F	T	L	I	E	M	I	V	A	I	G	I	L	A	A	I	A	Y	P	S	Y	Q	N	Y	K	I	R	V	N	R	S	D	V	Q	S	E	L	I	R	V	S	Q	L	I	Q	S	Y	K	M	V	N	H	G	Y	A	N	A	S	L		68		
NTDB	id	1383	A4U84	RS08530	WP	005711781.1	MK.KIRLIRPLAK	A	F	T	L	I	E	M	I	V	A	I	A	I	L	A	T	I	A	I	P	S	Y	T	S	Y	T	Q	K	A	A	L	S	E	L	S	A	S	A	S	Y	K	S	D	V	E	I	C	.	I	Y	N	V	.	G	D	K	K	I	S	E	C	...	75	
NTDB	id	1365	NTHI	RS01955	WP	011271973.1	.M.KLTQTQLTK	K	G	F	T	L	I	E	M	I	V	A	I	A	I	L	A	T	I	A	I	P	S	Y	Q	N	Y	T	K	K	A	A	V	S	E	L	L	Q	A	S	A	P	K	A	D	V	E	L	C	.	V	Y	S	T	N	E	..	T	T	N	C	...	72		
NTDB	id	1354	HI	0299	AAC21963.1	.M.KLTTLQTLK	K	G	F	T	L	I	E	M	I	V	A	I	A	I	L	A	T	I	A	I	P	S	Y	Q	N	Y	T	K	K	A	A	V	S	E	L	L	Q	A	S	A	P	K	A	D	V	E	L	C	.	V	Y	S	T	N	E	..	T	T	S	C	...	72			
NTDB	id	76550	H7K53	RS17440	WP	004742156.1	MNA	QK	GF	TL	IE	LM	IV	VA	IG	VL	AA	AI	PQ	YQ	D	Y	I	A	R	S	Q	M	S	E	A	L	N	L	S	D	S	L	K	T	N	V	T	E	T																										

NTDB	id	1184	GTF74	RS02335	WP	000649326.1	A	.....	CF	.....	TRL	GTVE	.....	DMGDGK	IV	IAPTASGALGGTIKYTFDAGVSSSSK	IQLAR...	125													
NTDB	id	1167	A1552VC	RS11065	WP	000649326.1	A	.....	CF	.....	TRL	GTVE	.....	DMGDGK	IV	IAPTASGALGGTIKYTFDAGVSSSSK	IQLAR...	125													
NTDB	id	1160	ABDM36	RS02330	WP	000649326.1	A	.....	CF	.....	TRL	GTVE	.....	DMGDGK	IV	IAPTASGALGGTIKYTFDAGVSSSSK	IQLAR...	125													
NTDB	id	1038	HON27	RS01510	WP	000993725.1					GFTAA	.....	TSSVCATYSIDAFTETDGAG	KIT	CTLKG	.....	NPKIATKIVELTR...	115													
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	DATKK	...EVPLC	VAAAD	.....	ANKLGT	IALKP	..DPADGT	AD	ITLT	TMMGG	.....	AGPKNKGIITLTR...	126												
NTDB	id	1197	PSJM300	03940	AFN	76866.1					GYI	CITDS	.....	TS	YCDVDLD	..TAADGH	..IE	CTAKGG	.....	NAGKFDGKTTITLNR...	117										
NTDB	id	1204	PSJM300	03935	AFN	76865.1					GFI	CIGAS	.....	TN	YCTV	TLI	..ATATGS	..IT	CTTQNG	.....	MPDRFN	GKTTIT	IAR...	119							
NTDB	id	1007	ACIAD	RS15000	WP	004923844.1						ACLGNA	ASYPVTGT	.....			AFYT	LN	IAVDS	.....	NQ	GYV	ITATPISS	107							
NTDB	id	1383	A4U84	RS08530	WP	005711781.1						SSGKN	VRADKSDVPDAKY	LK	STIS	.....	VASG	VITV	AGKN	.....	ID	GYGYT	MTP	K	123						
NTDB	id	1365	NTHI	RS01955	WP	011271973.1						TGGKN	IAADITT	..AKGYV	KSVT	.....	TSNCA	ITV	KDGT	.....	LANMEY	ILQATG			119						
NTDB	id	1354	HI	0299	AAC21963.1							TGGKN	IAADIKT	..AKGYV	ASVI	.....	TSGG	ITV	KNGT	.....	LANMEY	ILQAKG			119						
NTDB	id	76550	H7K53	RS17440	WP	004742156.1						GANG	IPA	STTVVGKYV	SGVA	.....	VQDG	VITAT	MASS	...N	.....	VSKGIQ	GKT	LT	LPT	..	117				
NTDB	id	1109	OK783	RS10670	WP	157147416.1						SAGV	ASA	STIKGKYV	QKVE	.....	VAKGV	VTAQ	MAST	...G	.....	VNKEIQ	DKK	LSL	WAK	..	117				
NTDB	id	1119	NGFG	RS11465	WP	017147169.1						SAGV	ASP	PTDIKGYV	KEVE	.....	VKNGV	VTA	MLSS	...G	.....	VNNEIK	GKK	LSL	WGR	..	118				
NTDB	id	1191	AAC28468.1	484..945()								GNVIFD	...SANG	LD	.....	GKYFAPGG	VT	...VTPDT	GA	IN	IAFDAG	.....	ANA	GKTM	T	ITPTVI	124				
NTDB	id	1400	DSB67	RS12660	WP	010643261.1	FKTKC	..HQTANG	IPAA	...FTLNN	L	TVT	..PA	AGAASA	GA	IS	ITVNA	ANDKG	.....						PIKQ	...N	121				
NTDB	id	1188	NELON	RS01755	WP	003772458.1	FNKTA	AAGGGAG	GAAAA	GTQHASKYV	KSV	..KV	..TEASP	WD	ITV	AI	SATEANG	.....	IP	TGLD	GN	TIR	L	FPLVN			139				
NTDB	id	1424	RS	RS02795	WP	011000517.1									SSVF	...TPTKN	VAN	LT	..IAG	..TGTVP	GQ	ITV	TYT	..T		AAG	G	GT	L	ALVPTAA	120
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	GS		SCV	G	VQEI	SASNATTN	VATA	..TC	..GASSAG	Q	II	V	TMDTT		KAK	GAN	IT	L	TPT	..			122		
NTDB	id	1274	LPP	RS09530	WP	011214168.1	YV					SPAATPN	VASI	..AI	..GA	..NGV	IT	ITY	..TA		AAG	G	GT	IV	M	TP	TL			110	
NTDB	id	1258	GC085	RS09745	WP	014844212.1	YV					SPAATPN	VQSI	..AI	..GA	..NGV	IT	ITY	..TA		AAG	G	GT	IV	M	TP	TL			110	
consensus										*			*	*	*		*	*	*	*		*	*	*							

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	D.ANGLWTCSTT.....VTSEIAPKGC	153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	D.ANGLWTCSTT.....VTSEIAPKGC	153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	D.ANGLWTCSTT.....VTSEIAPKGC	153
NTDB id 1038	HON27	RS01510	WP 000993725.1	S.TDGAWTCVSD.....VPTEFLPKG	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	TAADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197	PSJM300	03940	AFN76866.1	T.ADGEWSCAST.....LDAKYKPGK	139
NTDB id 1204	PSJM300	03935	AFN76865.1	T.TDGLWDCTSD.....LDSRYKPGK	141
NTDB id 1007	ACIAD	RS15000	WP 004923844.1	TMQAGNGIICLNQDGQKFWSKAATACSLSSNSTWDG.....R.....	144
NTDB id 1383	A4U84	RS08530	WP 005711781.1	FANNNITWATSCQGADI.....SLFPANFCGQKATP.....	154
NTDB id 1365	NTHI	RS01955	WP 011271973.1	NAATGVTWTTTCKGTDA.....SLFPANFCGSVTQ.....	149
NTDB id 1354	HI	0299	AAC21963.1	NAAAGVTWTTTCKGTDA.....SLFPANFCGSVTK.....	149
NTDB id 76550	H7K53	RS17440	WP 004742156.1	DKGGSVTVACTSNAE.....QKYLPAKCTGGTS.....	145
NTDB id 1109	OK783	RS10670	WP 157147416.1	RQDGSVKWFCGQPVTRTGDNDTVA..DANNAIDTKHLPSTCRDESSAT.....	164
NTDB id 1119	NGFG	RS11465	WP 017147169.1	RENGSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1191	AAC28468.1	484..945()		A.....ASGQISTWTCAPGAANG.....IETRRLPTSCQ*.....	153
NTDB id 1400	DSB67	RS12660	WP 010643261.1	EK...YILTATYASNGVTWSSECKDATN.....AVQTSYCP.....	154
NTDB id 1188	NELON	RS01755	WP 003772458.1	K...AVP.AATSTGAIDWACASAaketADKRFGTGSGVAVGTLPAKYAPSECK.....	188
NTDB id 1424	RS	RS02795	WP 011000517.1	GT...ALPVSSAPSGPIMWTCTYAQNKAQAASSVAPS...GTMSLAAKYAPAECR.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	YASGAVTWKCTTT.....S.DKKYVPSECRG.....	147
NTDB id 1274	LPP	RS09530	WP 011214168.1	QANGDVTWTCCTGG.....TLLAKYRPASCRP.....	136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	QANGDVTWTCCTGG.....TLLAKYRPASCRP.....	136
consensus				*!***.....*	

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