

NTDB	id	1292	VP	RS12235	WP	005479693.1	...MKHSKQKKK	QQGFTLIELMIVVAIIGVLA	AAIPAYQNYVTVRSEV	TISGLATV	KALITPAELHYQ	.ENGIAAAA		71
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	QKGFTLIELMIVVAIIGILA	AAIPQYQNYIAKSSQVNS	GFSEISSIKTGYENAVN	.EGAVPTK	LSDV..	69	
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	MKA	QKGFTLIELMIVVAIIGILA	AAIPQYQNYVARSEGAS	ALASVNPLKTTFVEALS	.RCGWSVKSGTGTED		71	
NTDB	id	1197	PSJM300	03940	AFN	76866.1	MKAQM	QKGFTLIELMIVVAIIGILA	AAIALPAYQDYTVRSNAA	AAAEITPGKIIGFEQAIN	.EGKTPSL	TSTDE	72	
NTDB	id	1204	PSJM300	03935	AFN	76865.1	MKPVKSSC	RGFSLIELMIVVAIIGILA	AAIALPAYQNYTVRSTAA	SALAEITPAKAAFEQAIS	.EGHTPSL	VSSLP.	74	
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIVTAIIGILA	AAIALPAYQDYTARAQATE	GFKATAGLQTDLGAWRADRG	SFPNAAALVAG		74	
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTL	QKGFTLIELMIVTAIVGILA	AVALPAYQDYTARAQVSE	AILLAEGQKSAVTEYYL	NHGIWPKDNTSA	..	71	
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTL	QKGFTLIELMIVTAIVGILA	AVALPAYQDYTARAQVSE	AILLAEGQKSAVTEYYL	NHGWKVPENNTSA	..	71	
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGFTLIELMIVTAIIGILA	AAIALPAYQDYTVRSKVSE	ALIASSAPKLSALSEAFQTD	GITGMTAAAKAF		73	
NTDB	id	221420	B4599	RS08170	WP	011408068.1	MKK	QQGFTLIELMIVVAIILA	AAIALPAYQDYTTTRAKLSE	ALTMSAPKLAVTETASSL	GGVANVTLAN	..	70	
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNKR	VQKGFTLIELMIVVAIVGILA	AAIPAYQDYTVRARVTEGL	SLAAQAKALVSENAANAQSD	LSV.....	74		
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	QKGFTLIELMIVTAIIGILA	AAIPAYTDYTVRARVSEGL	TAASSMKTTVSENILNAG	ALVAGTPST	..	70	
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIVVAIIGILA	AAIPAYQDYTIRARVTEGL	TLADSACLAVSETAITNNAL	PATQAAT	..	69	
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGFTLIELMIVVAIIGILA	AAIPAYQDYTIRARVTEGL	TLADSACLAVSETAITNNAL	PATQAAT	..	69	
consensus								*****	*****	*****	*****	*****		

NTDB	id	1292	VP	RS12235	WP	005479693.1	TLAQL	GVDVAANDLGAIDSA...	L	AGG	...	SPT	L	TFTF		DADSSID	G	G	I	L	T	F	T	R	D		119																																																			
NTDB	id	1038	HON27	RS01510	WP	000993725.1		GFTAATSSVCATYSIDAFTETD	...	AGK	I	T	...	CTL	...	KG	.	NPKIATKI	V	E	L	T	R	S		116																																																				
NTDB	id	1192	PAKAF	RS23870	WP	024947914.1	AT...KKEVPL	GVAADANKLGTIAL	L	K	P	...	D	P	ADG	...	T	AD	I	T	L	T	F	T	...	128																																																				
NTDB	id	1197	PSJM300	03940	AFN	76866.1		GYIGITDSTS.YCDVDL	...	D	...	T	...	TAADG	...	H	...	IE	.	CTA	...	KGGNAGKFD	G	K	T	I	L	N	R	T	...	118																																														
NTDB	id	1204	PSJM300	03935	AFN	76865.1		GFIGASTN.YCIVT	L	I	...	A	T	ATG	...	S	...	I	T	.	CTT	...	QNGMPDRFN	G	K	T	I	T	I	A	R	T	...	120																																												
NTDB	id	1191	AAC28468.1	484..945()			NVIFDSA		NGLDGKYFAPG	.	G	V	T	V	T	.	P	D	T	G	A	I	N	I	A	F	D	A	G	...	A	N	A	G	K	T	M	T	I	T	P	T	V	I	...	128																																
NTDB	id	1109	OK783	RS10670	WP	157147416.1		G	V	A	S	A	.	S	T	I	K	G	K	.	V	Q	K	.	E	V	.	A	K	G	...	V	V	T	A	Q	M	S	...	T	G	V	N	K	E	I	D	K	K	L	S	L	W	A	...	120																						
NTDB	id	1119	NGFG	RS11465	WP	017147169.1		G	V	A	S	P	P	T	D	I	K	G	K	.	V	K	E	.	E	V	.	K	N	G	...	V	V	T	A	T	M	L	S	...	S	G	V	N	N	E	I	K	.	K	K	L	S	L	W	G	...	121																				
NTDB	id	1188	NELON	RS01755	WP	003772458.1	NKTA	AAGGGGAG	G	A	A	A	A	G	T	Q	H	A	S	K	.	V	K	S	.	V	K	T	E	A	...	S	P	W	D	I	T	V	A	I	S	A	T	E	A	N	G	I	P	T	G	L	D	...	G	N	T	I	R	F	L	P	L	V	N	K	.	A	V	P	.	A	A	T	S	T	...	148
NTDB	id	221420	B4599	RS08170	WP	011408068.1		S	G	Y	...	S	F	P	G	A	T	K	Y	.	V	S	N	.	T	I	A	D	G	...	T	G	L	.	V	T	V	T	S	T	.	V	...	P	N	A	.	A	G	.	T	I	L	L	T	P	K	D	...	V	G	G	...	116														
NTDB	id	1424	RS	RS02795	WP	011000517.1		G	S	S	V	F	...	T	P	T	K	N	.	V	A	N	L	.	T	I	A	G	T	G	T	V	P	C	Q	I	T	V	T	Y	T	.	T	...	A	A	G	G	.	T	L	A	L	V	P	T	A	A	G	T	A	L	P	V	S	S	A	P	S	...	131							
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1		A	G	S	S	C	V	.	G	V	E	I	S	A	S	N	A	T	T	N	.	V	A	T	A	...	T	C	G	A	S	S	A	G	Q	I	.	I	V	T	M	D	T	T	...	K	A	K	G	A	N	I	.	T	L	T	P	T	...	Y	A	S	...	125								
NTDB	id	1274	LPP	RS09530	WP	011214168.1		G	Y	V	...	S	P	A	A	T	P	N	.	V	A	S	I	...	A	I	G	A	.	N	G	V	.	I	T	I	T	Y	.	T	A	...	A	A	G	G	.	T	I	V	M	T	P	T	L	...	Q	A	N	...	113																	
NTDB	id	1258	GC085	RS09745	WP	014844212.1		G	Y	V	...	S	P	A	A	T	P	N	.	V	Q	S	I	...	A	I	G	A	.	N	G	V	.	I	T	I																																										

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NTDB id 1292 VP RS12235 WP 005479693.1	AATGWSCLPT.....APAIA.VDGC	139
NTDB id 1038 HON27 RS01510 WP 000993725.1	TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITS	149
NTDB id 1192 PAKAF RS23870 WP 024947914.1	ADGLWKCTSD.....QDEQFIPKGC	150
NTDB id 1197 PSJM300 03940 AFN76866.1	ADGEWSCAST.....LDAKYKPGKCS	139
NTDB id 1204 PSJM300 03935 AFN76865.1	TDGLWDCTSD.....LDSRYKPGKCL	141
NTDB id 1191 AAC28468.1 484..945()	QISTWTCAPG.....AANGIETRRLPTSCQ*	153
NTDB id 1109 OK783 RS10670 WP 157147416.1	GSVKWFCGQPVTRTGDNDTVA..DANNAIDTKHLPSTCR	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCR	166
NTDB id 1188 NELON RS01755 WP 003772458.1	GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK	188
NTDB id 221420 B4599 RS08170 WP 011408068.1	GQLKWTCSA.....ILTKYLPACRSGT	141
NTDB id 1424 RS RS02795 WP 011000517.1	GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPACR	168
NTDB id 1002 ACIAD RS15100 WP 004923779.1	GAVTWKCTTT.....S.DKKYVPSECRG	147
NTDB id 1274 LPP RS09530 WP 011214168.1	GDVTWTCTGG.....TLAKYRPASCRP	136
NTDB id 1258 GC085 RS09745 WP 014844212.1	GDVTWTCTGG.....TLAKYRPASCRP	136
consensus	* * !*!	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved