

NTDB	id	1014	ACIAD	RS13855	WP	004924483.1	MSIRHFF	TFFWATLLTLF		SMQ	IVF	AQGFDDQYDAWK	TQQKAH	TRLN	SSASHH	SLSKPT	...	QQSGTGVK	VN	69																																																						
NTDB	id	1041	HON27	RS14740	WP	005124713.1	...	MQYS	MRFWKNKYFL	LIM	LCLG	VISPSVC	AQSF	DQNFQEWK	AKQ	QMYDQK	LNITK	SSHSNG	SKISQ	TKNFND	STGQ	IH	77																																																			
NTDB	id	1127	NGFG	RS10560	WP	003703428.1	..	MSR	GGA	TPYR	FLIRH	IVAR	CGL	L	FAT	L	KGKT	..M....	KKM	...	F	V	L	F	C		MLF	S	C	A	F	S	L	A	A	VN	54																																					
NTDB	id	1126	NGFG	RS09375	WP	003703428.1	..	MSR	GGA	TPYR	FLIRH	IVAR	CGL	L	FAT	L	KGKT	..M....	KKM	...	F	V	L	F	C		MLF	S	C	A	F	S	L	A	A	VN	54																																					
NTDB	id	1125	NGFG	RS07215	WP	003703428.1	..	MSR	GGA	TPYR	FLIRH	IVAR	CGL	L	FAT	L	KGKT	..M....	KKM	...	F	V	L	F	C		MLF	S	C	A	F	S	L	A	A	VN	54																																					
NTDB	id	1108	NGFG	RS06525	WP	003703428.1	..	MSR	GGA	TPYR	FLIRH	IVAR	CGL	L	FAT	L	KGKT	..M....	KKM	...	F	V	L	F	C		MLF	S	C	A	F	S	L	A	A	VN	54																																					
NTDB	id	1440	BW25113	RS02290	WP	000680312.1		M	K	H	G	I	K	A	L	L	I	T	S	L	A	C	A	G	M	S	H	.	S	A	L	A	A	...	A	S	V	A	K	P	T	...	A	V	E	T	K	A	E	A	P	...	A	A	Q	S	K	A	A	V	P	A	K	A	S	D	E	E	G	T	R	V	S	63
NTDB	id	1159	ABDM36	RS04765	WP	001166105.1	...	M	Q	I	K	T	K	I	V	T	...	L	F	L	S	L	C	L	P	T	L	P	L	A	N	A	E	E	T	A	P	A		A	Q	V	E	E	G	I	V	I	T	VN	43																							
NTDB	id	1150	A1552VC	RS08580	WP	001166105.1	...	M	Q	I	K	T	K	I	V	T	...	L	F	L	S	L	C	L	P	T	L	P	L	A	N	A	E	E	T	A	P	A		A	Q	V	E	E	G	I	V	I	T	VN	43																							
NTDB	id	1395	DSB67	RS04445	WP	010649155.1			M	K		W	M	L	T	L	C	L	L	I	L	A	P	M	S	W	A	E	.	T	K	T	K		A	D	K	Y	E	G	I	E	I	T	VN	35																												
NTDB	id	1294	VP	RS04495	WP	021449594.1			M	K		W	I	L	T	L	C	L	V	V	F	A	P	L	S	L	A	A	.	D	T	K		A	D	K	Y	E	G	I	E	I	T	VN	34																													
NTDB	id	1362	HI	1008	AAC22669.1		M	K	T	L	..F....	T	S	V	V	L	C	G	A	L	V	V	S	S	F	A	E	E	K	A	T	X	Q	T	A	Q	S	V	...	V	T	T		Q	...	A	E	A	Q	V	A	P	A	V	S	D	K	L	N	52														
NTDB	id	1459	ASU2	RS10590	WP	015674357.1		M	K	T	P	S	K	L	...	G	L	S	L	L	I	G	.	M	L	S	T	G	V	L	A	E	E	K	T	K	P	S	V	T	E	P	T	...	P	V	V	Q	N	A	Q	A	T	...	S	P	...	E	H	S	H	A	E	M	T	N	N	A	N	L	VN	60		
NTDB	id	1382	A4U84	RS07375	WP	062924234.1		M	K	K	L	S	R	Y	...	T	F	S	L	L	F	G	.	L	F	S	A	T	T	F	A	E	E	K	V	T	T	S	T	.	E	H	T	...	P	V	V	M	Q		V	A	A	T	Q	K	V	N	A	N	V	VN	52											
consensus								*																																																																		

NTDB	id	1014	ACIAD	RS13855	WP	004924483.1	INSATAKEL.QQLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFTEKNDRILAT.....	128
NTDB	id	1041	HON27	RS14740	WP	005124713.1	LNQANVNFEF.QQLKGVGEEKKAQAIVEYRKNGSFKNIDEIKNVKGIGPAIFEKNKSRLA.....	136
NTDB	id	1127	NGFG	RS10560	WP	003703428.1	INAASQQEL.EALPGIGPAAKAKIAEYRAQNAGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB	id	1126	NGFG	RS09375	WP	003703428.1	INAASQQEL.EALPGIGPAAKAKIAEYRAQNAGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB	id	1125	NGFG	RS07215	WP	003703428.1	INAASQQEL.EALPGIGPAAKAKIAEYRAQNAGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB	id	1108	NGFG	RS06525	WP	003703428.1	INAASQQEL.EALPGIGPAAKAKIAEYRAQNAGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLPVAVKK	131
NTDB	id	1440	BW25113	RS02290	WP	000680312.1	INNASAEELARAMNMGVGLKKAQAIVSYREEYPGFKTIVEDLKQPFCMGNLSVERNLAVLT.....	123
NTDB	id	1159	ABDM36	RS04765	WP	001166105.1	INTASAEELATLLKGIGLKKQAQIVDYREANGPFTHIDDLTNVKGIGEATVRNNARILL.....	103
NTDB	id	1150	A1552VC	RS08580	WP	001166105.1	INTASAEELATLLKGIGLKKQAQIVDYREANGPFTHIDDLTNVKGIGEATVRNNARILL.....	103
NTDB	id	1395	DSB67	RS04445	WP	010649155.1	VNSATAQEIIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTkvkgigeatvrknEDRIll.....	95
NTDB	id	1294	VP	RS04495	WP	021449594.1	INTASAEEIATMLKGIGEKKQSIVDYRTEHGPFKTAADLTnvkGIGEAtIkKnEdRIll.....	94
NTDB	id	1362	HI	1008 AAC22669.1			INTATASEIQKSLTGIGAkkAEaiVqyReKHgNFxNAEQlLevQGigKatLEKnDrIf.....	112
NTDB	id	1459	ASU2	RS10590	WP	015674357.1	INIATAAEIQDKLVGIGAKKAQAIVEYRTKNGAFSSLEQLTDVSGIGKATIdKnDrIlLQ.....	121
NTDB	id	1382	A4U84	RS07375	WP	062924234.1	INTATASEIQDKLVGIGAKKAQAIVEYREKNGKFLNVEQLTevSgiKaTeLEKnRDcViE.....	113
consensus							*! !** * * !*!! **!* !!***!! *	

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved