

logo

NTDB id 98 BSU 24710 NP 390351.1	MNEK	GF	TLVEM	LVLF	TIIS	LL	LI	TPNV	TKHN	QT	IQ	KG	CE	GL	QNM	VKA	QMTA	FEL	D	HEG	QT	63																																													
NTDB id 68494 JP49775 RS07775 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	IS	LL	LI	IPNI	AKQ	TAHI	QST	GC	NAQ	VKM	VNS	QIE	AY	ALKH	NRNP	68																																												
NTDB id 32 MW RS07995 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	IS	LL	LI	IPNI	AKQ	TAHI	QST	GC	NAQ	VKM	VNS	QIE	AY	ALKH	NRNP	68																																												
NTDB id 16 SA RS07765 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	IS	LL	LI	IPNI	AKQ	TAHI	QST	GC	NAQ	VKM	VNS	QIE	AY	ALKH	NRNP	68																																												
NTDB id 588 KW2 RS10845 WP 051303741.1	MSKAL	SLVK	IHGR	KLCQ	KK	QK	AFTL	TEML	VL	AI	IS	IL	ILL	FVP	NLT	KE	KAQ	VQ	KT	GE	AAV	VKV	VESQA	Q	LYEL	D	H	NDK	80																																						
NTDB id 460 GPW51 RS00790 WP 011921720.1	M	KKL	VEM	KVK	G	F	T	L	V	E	M	L	V	V	L	G	T	I	S	LL	LI	FVP	NLT	SQ	QK	DA	I	Q	KG	DA	AV	V	K	V	V	E	SQ	M	E	L	Y	E	L	D	H	E	E	68																			
NTDB id 431 SGO RS09410 WP 012130940.1	M	NK	L	KKL	R	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	M	L	F	V	P	N	L	T	K	Q	K	E	A	V	S	D	T	C	N	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	E	L	K	N	T	G	D	Q	69				
NTDB id 502 SM12261 RS00955 WP 000738641.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
NTDB id 162 SP RS10370 WP 000738627.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
NTDB id 272 KZH43 RS09255 WP 000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
NTDB id 231 SPD RS09885 WP 000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
NTDB id 197 SPR RS09420 WP 000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
NTDB id 530 SMSK321 RS09230 WP 000738643.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	SQ	A	E	L	Y	S	L	D	K	N	E	.	D	72
consensus	* * * * * ! ! ! * ! ! ! * ! ! ! * ! ! ! * ! ! ! * * * * * ! ! * * * * * ! * * ! * * * * ! * *																																																																		

logo

NTDB id 98 BSU 24710 NP 390351.1	P	S	L	A	D	L	Q	S	E	G	Y	V	K	K	D	A	V	.	C	P	N	G	K	R	I	I	I	T	G	C	E	V	K	V	E	H	98	
NTDB id 68494 JP49775 RS07775 WP 000472256.1	S	S	T	I	E	D	L	I	A	D	G	F	I	K	E	A	Q	K	T	C	K	S	G	E	T	I	T	I	S	N	G	E	A	.	V	A	N	103
NTDB id 32 MW RS07995 WP 000472256.1	S	S	T	I	E	D	L	I	A	D	G	F	I	K	E	A	Q	K	T	C	K	S	G	E	T	I	T	I	S	N	G	E	A	.	V	A	N	103
NTDB id 16 SA RS07765 WP 000472256.1	S	S	T	I	E	D	L	I	A	D	G	F	I	K	E	A	Q	K	T	C	K	S	G	E	T	I	T	I	S	N	G	E	A	.	V	A	N	103
NTDB id 588 KW2 RS10845 WP 051303741.1	P	N	L	S	E	L	L	S	A	G	M	I	T	G	Q	V	T	A	Y	D	D	Y	D	Q	N	K	N	E	Q	R	N	F	D	D	116			
NTDB id 460 GPW51 RS00790 WP 011921720.1	A	T	V	A	D	L	Q	A	K	G	Y	I	T	E	K	Q	A	K	Q	Y	A	T	A	K	.	.	.	.	.	.	.	.	.	.	.	93		
NTDB id 431 SGO RS09410 WP 012130940.1	A	T	L	S	K	L	V	A	A	C	N	I	S	Q	K	Q	A	D	S	Y	K	A	Y	G	K	N	S	E	T	Q	A	V	A	N	105			
NTDB id 502 SM12261 RS00955 WP 000738641.1	A	S	L	S	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	H	A	K	N	T	S	Q	T	V	A	D	.	107		
NTDB id 162 SP RS10370 WP 000738627.1	A	S	L	R	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	N	D	K	N	G	G	A	N	R	K	V	N	D	108	
NTDB id 272 KZH43 RS09255 WP 000738626.1	A	S	L	R	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D	108	
NTDB id 231 SPD RS09885 WP 000738626.1	A	S	L	R	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D	108	
NTDB id 197 SPR RS09420 WP 000738626.1	A	S	L	R	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	K	E	Y	H	D	K	N	G	G	A	N	R	K	V	N	D	108	
NTDB id 530 SMSK321 RS09230 WP 000738643.1	A	S	L	S	K	L	Q	A	D	G	R	I	T	E	E	Q	A	K	A	Y	N	E	Y	A	K	N	G	G	A	N	R	K	V	N	D	108		
consensus	***	!	***	!	***	***	***	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		

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