

logo

NTDB id 98 BSU 24710 NP 390351.1	MNEK	GF	TLVEM	LVLF	TIIS	LL	LI	TPNV	TKHN	QT	QK	KG	CE	GI	QNM	VKA	QMTA	FEL	D	HEGQT	63																																																	
NTDB id 1137941 DQM92 RS07895 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	EM	LV	LL	II	IS	LL	LI	TPN	IA	KQ	TA	H	IG	ST	GC	NA	QV	KM	VNS	QI	E	A	Y	A	L	K	H	N	R	N	P	68																																	
NTDB id 32 MW RS07995 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	EM	LV	LL	II	IS	LL	LI	TPN	IA	KQ	TA	H	IG	ST	GC	NA	QV	KM	VNS	QI	E	A	Y	A	L	K	H	N	R	N	P	68																																	
NTDB id 16 SA RS07765 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	EM	LV	LL	II	IS	LL	LI	TPN	IA	KQ	TA	H	IG	ST	GC	NA	QV	KM	VNS	QI	E	A	Y	A	L	K	H	N	R	N	P	68																																	
NTDB id 588 KW2 RS10845 WP 051303741.1	MSKALS	SLV	KI	HGR	KL	CQ	KK	Q	K	A	F	T	L	E	M	L	V	L	A	I	IS	IL	IL	LF	V	P	N	L	I	K	E	K	A	Q	V	Q	T	G	E	A	A	V	V	K	V	V	E	S	Q	A	Q	L	Y	E	L	D	H	D	N	D	K	80								
NTDB id 460 GPW51 RS00790 WP 011921720.1	M	KK	L	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	V	L	G	II	IS	LL	LL	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	D	A	A	V	V	K	V	V	E	S	Q	M	E	L	Y	E	L	H	D	E	.	E	68							
NTDB id 431 SGO RS09410 WP 012130940.1	M	N	K	L	K	L	R	V	K	A	F	T	L	V	E	M	L	V	V	L	II	IS	V	L	M	LL	F	V	P	N	L	T	K	Q	K	E	A	V	S	D	T	G	N	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69				
NTDB id 502 SM12261 RS00955 WP 000738641.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
NTDB id 162 SP RS10370 WP 000738627.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
NTDB id 272 KZH43 RS09255 WP 000738626.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
NTDB id 231 SPD RS09885 WP 000738626.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
NTDB id 197 SPR RS09420 WP 000738626.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
NTDB id 530 SMSK321 RS09230 WP 000738643.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	LL	II	IS	V	L	LL	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	S	Q	A	E	L	Y	S	L	E	K	N	E	.	D	72
consensus	* * *																				* * * * ! ! ! * ! ! ! * ! ! ! * ! * * * * * ! * * * * * ! * * ! * * * * ! * *																																																	

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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 1137941 DQM92 RS07895 WP 000472256.1	S	S	T	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	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	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	C	M	I	T	G	K	Q	V	T	A	Y	D	D	Y	Y	D	Q	N	K	N	E	Q	R	N	F	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	Y	G	K	N	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	K	E	Y	Y	A	K	N	G	G	A	N	R	K	V	N	D	108
consensus	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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