

NTDB id 32	MW RS07995 WP 000472256.1	MFKF..LKK	TQAF	TL	IEM	LV	LLI	IS	LL	LI	LI	IP	NI	IA	KQ	TA	HI	IQ	ST	GC	NA	QV	KV	MV	NS	QI	EAY	AL	KH	NR	NP	68													
NTDB id 16	SA RS07765 WP 000472256.1	MFKF..LKK	TQAF	TL	IEM	LV	LLI	IS	LL	LI	LI	IP	NI	IA	KQ	TA	HI	IQ	ST	GC	NA	QV	KV	MV	NS	QI	EAY	AL	KH	NR	NP	68													
NTDB id 588	KW2 RS10845 WP 051303741.1	MSKALS	LV	KI	GR	KL	CQ	KK	QK	QA	FT	L	IEM	LV	LA	II	IS	IL	LL	FF	VP	NL	IK	EA	QV	KQ	KT	GE	AA	VV	KV	VS	QA	EL	YD	HD	ND	DK	80						
NTDB id 979019	AAE079 RS03670 WP 379946609.1	MKK	IV	SK	KL	LP	GT	FL	EM	LV	VL	FI	IS	LL	LL	FV	PN	LK	IN	QK	DA	AA	IV	KV	VS	QI	QV	FEL	DH	GT	HT	68													
NTDB id 460	GPW51 RS00790 WP 011921720.1	MKK	L	VEM	KV	KG	FT	L	VEM	L	V	LG	II	IS	LL	LL	FV	PN	L	SQ	QK	DA	IA	QK	KG	DA	AV	V	KV	VS	QA	EL	YD	EH	EE	68									
NTDB id 502	SM12261 RS00955 WP 000738641.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	LL	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	DK	ED	72				
NTDB id 162	SP RS10370 WP 000738627.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	L	F	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	EK	ED	72			
NTDB id 272	KZH43 RS09255 WP 000738626.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	L	F	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	EK	ED	72			
NTDB id 231	SPD RS09885 WP 000738626.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	L	F	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	EK	ED	72			
NTDB id 197	SPR RS09420 WP 000738626.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	L	F	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	EK	ED	72			
NTDB id 530	SMSK321 RS09230 WP 000738643.1	MKK	M	MT	FL	KK	AK	V	KA	FT	L	VEM	L	V	LL	II	IS	V	LL	LL	FV	PN	L	TK	QK	EA	V	N	DK	GA	AA	V	KV	VS	QA	EL	YD	SL	DK	ED	72				
NTDB id 431	SGO RS09410 WP 012130940.1	MNK	L	KK	L	R	V	KA	FT	L	VEM	L	V	LL	II	IS	V	L	M	LL	FV	PN	L	TK	QK	EA	V	S	D	T	GN	AA	V	KV	VS	QA	EL	YD	EL	KNT	GD	Q	69		
NTDB id 396	FSA28 RS09395 WP 002263437.1	MKK	I	K	R	V	S	V	R	A	FT	L	IEM	L	V	LL	II	IS	IL	LL	LL	FV	PN	L	TK	QK	D	K	V	K	D	T	GG	SA	V	KV	VS	QA	EL	YD	EL	NK	T	DS	68
NTDB id 387	SMU RS09																																												

Accession	Sequence	Position
NTDB id 32 MW RS07995 WP 000472256.1	SSIEDLIADGFTKEAQKTKCKSGTETITISN.GEAVAN	103
NTDB id 16 SA RS07765 WP 000472256.1	SSIEDLIADGFTKEAQKTKCKSGTETITISN.GEAVAN	103
NTDB id 588 KW2 RS10845 WP 051303741.1	PNLSELLSAGMITGKQVTAVDYDYDQNKNEQRNFDD	116
NTDB id 979019 AAE079 RS03670 WP 379946609.1	PTKEELICKDGYVDEKQYTVYEKAKKE.....	94
NTDB id 460 GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQVATAKK.....	93
NTDB id 502 SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTVAD.	107
NTDB id 162 SP RS10370 WP 000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKYND	108
NTDB id 272 KZH43 RS09255 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND	108
NTDB id 231 SPD RS09885 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND	108
NTDB id 197 SPR RS09420 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKYND	108
NTDB id 530 SMSK321 RS09230 WP 000738643.1	ASLSKLQADGRITEEQAKAYNEYAKNGGANRKYND	108
NTDB id 431 SGO RS09410 WP 012130940.1	ATLSKLVAAGNLSQKQADSYPKAYYGNSETQAVAN	105
NTDB id 396 FSA28 RS09395 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVAN	104
NTDB id 387 SMU RS09025 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVAN	104
consensus	*** *! *** ** **! * **** * *	

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