

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IVLF	FIIS	IL	LL	IT	IPNV	TKHN	QT	IQ	KG	CE	GL	QN	VM	KA	QMTA	FE	L	D	HE	GQT	63																								
NTDB	id	619	LCA	RS06470	WP	011374999.1	MKKK	RKAFTL	TEM	VVLA	II	AI	LL	LL	VAPN	LG	AQ	KQ	RAEK	KT	DQ	AL	VT	TL	QT	QV	EL	AS	DE	I	GH	QI	65																						
NTDB	id	32	MW	RS07995	WP	000472256.1	MPKF	..L	KK	TQ	AFTL	TEML	VLL	II	S	LL	LI	IT	PN	IA	Q	TAH	IQ	ST	GC	NA	QV	KM	VNS	Q	IE	A	L	KH	RNP	68																			
NTDB	id	16	SA	RS07765	WP	000472256.1	MPKF	..L	KK	TQ	AFTL	TEML	VLL	II	S	LL	LI	IT	PN	IA	Q	TAH	IQ	ST	GC	NA	QV	KM	VNS	Q	IE	A	L	KH	RNP	68																			
NTDB	id	588	KW2	RS10845	WP	051303741.1	MSK	AL	SL	V	K	I	H	G	R	K	C	Q	K	Q	AFTL	TEML	IV	LA	II	S	IL	LL	FV	PN	L	K	E	KA	QV	K	T	GE	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80
NTDB	id	1121066	EL135	RS08445	WP	002356991.1	MKKK	QKYA	GFTL	TEML	VLL	II	S	VL	LL	FV	PN	L	A	H	K	E	T	V	D	K	G	NEA	IV	K	I	V	ES	Q	I	E	L	Y	EL	D	H	D	N	K	80										
NTDB	id	460	GPW51	RS00790	WP	011921720.1	MKK	I	VEM	KVK	GFTL	VEML	VVL	G	II	S	LL	LL	FV	PN	L	S	Q	K	D	A	I	Q	K	G	DA	AA	V	K	V	V	ES	Q	M	E	L	Y	EL	D	H	D	N	K	80						
NTDB	id	502	SM12261	RS00955	WP	000738641.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	162	SP	RS10370	WP	000738627.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	272	KZH43	RS09255	WP	000738626.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	231	SPD	RS09885	WP	000738626.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	197	SPR	RS09420	WP	000738626.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	MKKM	MTFL	LKKA	KVKA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	N	D	K	G	KA	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	431	SGO	RS09410	WP	012130940.1	MNK	LK	L	V	KA	AFTL	VEML	VVLL	II	S	VL	LL	FV	PN	L	T	K	Q	E	AV	S	D	T	GN	AA	V	K	V	V	ES	QA	E	L	Y	EL	D	H	D	N	K	80								
NTDB	id	396	FSA28	RS09395	WP	002263437.1	MKK																																																

NTDB	id	98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGGEVKEVH	98
NTDB	id	619	LCA RS06470 WP 011374999.1	KSLDEL.TDKYITSKDQLKHAKEKGITIEGCTVVKQK.	99
NTDB	id	32	MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQKTKCKSGETITISNG.EAVAN	103
NTDB	id	16	SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQKTKCKSGETITISNG.EAVAN	103
NTDB	id	588	KW2 RS10845 WP 051303741.1	PNLSELLSAGMITCKQVTAAYDDYDQNKNEQRNFDD	116
NTDB	id	1121066	EL135 RS08445 WP 002356991.1	PSLNELVNEGYYITKEQLDKYTAEQK.....	91
NTDB	id	460	GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB	id	502	SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTVD.	107
NTDB	id	162	SP RS10370 WP 000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKVND	108
NTDB	id	272	KZH43 RS09255 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB	id	231	SPD RS09885 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB	id	197	SPR RS09420 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKVND	108
NTDB	id	530	SMSK321 RS09230 WP 000738643.1	ASLSKLQADGRITEEQAKAYNEYAKNGGANRKVND	108
NTDB	id	431	SGO RS09410 WP 012130940.1	ATLSKLVAAGNITCKQADSYPKAYYGKNNSETQAVAN	105
NTDB	id	396	FSA28 RS09395 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVN	104
NTDB	id	387	SMU RS09025 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVN	104
consensus				*** *! *** * **** * * * *	

-  non conserved
-  similar
-  >50% conserved