

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IVLF	IITS	ILL	LI	TIP	NVT	TKHN	QT	IQ	KG	CE	GL	QN	MV	KA	QM	TA	FEL	D	HE	G	Q	T	63																																							
NTDB	id	32	MW	RS07995	WP	000472256.1	MFKFL	..KKT	QAFTL	TEML	LVLL	IIS	LLL	LI	IIP	NI	AK	QT	AH	IQ	ST	GC	NA	QV	KV	MV	NS	QI	E	A	Y	A	L	K	H	N	R	N	P	68																																
NTDB	id	16	SA	RS07765	WP	000472256.1	MFKFL	..KKT	QAFTL	TEML	LVLL	IIS	LLL	LI	IIP	NI	AK	QT	AH	IQ	ST	GC	NA	QV	KV	MV	NS	QI	E	A	Y	A	L	K	H	N	R	N	P	68																																
NTDB	id	588	KW2	RS10845	WP	051303741.1	MSKALS	SLVK	I	HKR	L	CQ	KK	Q	K	A	F	T	L	E	M	L	V	L	I	A	I	S	I	L	L	F	F	V	P	N	L	I	K	E	A	Q	V	Q	T	68																										
NTDB	id	257591	CW126	RS00820	WP	044760307.1	MKKL	LI	EM	KV	KAFTL	VEM	LV	L	GI	I	S	LLL	I	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	N	A	A	V	I	K	V	S	Q	M	E	L	E	H	D	K	80																					
NTDB	id	460	GPW51	RS00790	WP	011921720.1	MKKL	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	L	I	G	I	S	LLL	I	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	N	A	A	V	I	K	V	S	Q	M	E	L	E	H	D	K	68											
NTDB	id	502	SM12261	RS00955	WP	000738641.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72	
NTDB	id	162	SP	RS10370	WP	000738627.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72
NTDB	id	272	KZH43	RS09255	WP	000738626.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72
NTDB	id	231	SPD	RS09885	WP	000738626.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72
NTDB	id	197	SPR	RS09420	WP	000738626.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	MKKM	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	I	S	V	L	L	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	S	Q	A												

NTDB	id	98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAVCPNGKRIIITGG.EVKVEH	98
NTDB	id	32	MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISN.GEAVAN	103
NTDB	id	16	SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISN.GEAVAN	103
NTDB	id	588	KW2 RS10845 WP 051303741.1	PNLSELLSAGMITQKQVTA YDDYDQNKNEQRNFDD	116
NTDB	id	257591	CWI26 RS00820 WP 044760307.1	ATVADLQADGYITEKQAEQYAKAKK.....	93
NTDB	id	460	GPW51 RS00790 WP 011921720.1	ATVADLQA KGYITEKQAKQYATAKK.....	93
NTDB	id	502	SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTIVAD.	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	ASLSKLQADGRITEEQAKAYNEYYYAKNGGANRKVND	108
NTDB	id	431	SGO RS09410 WP 012130940.1	ATLSKLVAAGNISQKQADS YKAYYGKNNSETQAVAN	105
NTDB	id	396	FSA28 RS09395 WP 002263437.1	ATLSKLVASGDITQE QANSYKDYAKHPSKTRHVAN	104
NTDB	id	387	SMU RS09025 WP 002263437.1	ATLSKLVASGDITQE QANSYKDYAKHPSKTRHVAN	104
consensus				*** * ! *** ! * **** * * * *	*

-  non conserved
-  similar
-  > 50% conserved