

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	IHKR	GL	CQKK	QK	KAFTL	TEML	IVL	A	IIS	IL	LL	FV	PN	L	I	KE	KA	V	Q	K	T	G	E	A	A	V	K	V	V	E	S	Q	A	E	L	Y	D	H	N	D	K	80							
NTDB	id	261097	CRH08	RS00805	WP	009909092.1	MKKL	VEMK	VKG	GFTL	VEML	VVL	G	IIS	LLL	L	FV	PN	L	S	Q	K	D	A	I	Q	K	K	G	D	A	A	V	K	V	V	E	S	Q	M	E	L	Y	E	L	E	H	D	K	68							
NTDB	id	460	GPW51	RS00790	WP	011921720.1	MKKL	VEMK	VKG	GFTL	VEML	VVL	G	IIS	LLL	L	FV	PN	L	S	Q	K	D	A	I	Q	K	K	G	D	A	A	V	K	V	V	E	S	Q	M	E	L	Y	E	L	E	H	D	K	68							
NTDB	id	502	SM12261	RS00955	WP	000738641.1	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	LL	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	E	D	72		
NTDB	id	162	SP	RS10370	WP	000738627.1	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	L	F	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	L	F	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	L	F	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	L	F	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	MKKM	MTFL	LKK	AK	V	KAFTL	VEML	VVLL	IIS	V	LL	L	L	FV	PN	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	E	D	72		
NTDB	id	431	SG0	RS09410	WP	012130940.1	MNK	LKK	L	R	V	KAFTL	VEML	VVLL	IIS	V	L	M	L	L	FV	PN	L	T	K	Q	K	E	A	V	S	D	T	G	N	A	A	V	K	V	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69</

NTDB	id	98	BSU	24710	NP	390351.1	PSLADLQSEGYVKKDAVCPNG.KRIIITGGEVKEH	98
NTDB	id	32	MW	RS07995	WP	000472256.1	SSIEDLIADGFIKEAQKTKSGETITIS.NGEAVAN	103
NTDB	id	16	SA	RS07765	WP	000472256.1	SSIEDLIADGFIKEAQKTKSGETITIS.NGEAVAN	103
NTDB	id	588	KW2	RS10845	WP	051303741.1	PNLSELLSAGMITQKQVTAAYDDYYDQNKNEQRNFDD	116
NTDB	id	261097	CRH08	RS00805	WP	009909092.1	ATVADLQAAGGYITEKQAKQYAAAKK.....	93
NTDB	id	460	GPW51	RS00790	WP	011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	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	ATLSKLVAAGNISQKQADSYPKAYYGKNNSETQAVAN	105
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAKHPSKTRHVAN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAKHPSKTRHVAN	104
consensus							*** *!***! **** * * * *	

- X non conserved
- X similar
- X ≥ 50% conserved