

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IV	FI	IS	IL	LL	IT	PN	VT	KN	QT	IQ	KG	CE	GL	QN	MV	KA	QMTA	FE	LH	EG	QT	63																																						
NTDB	id	619	LCA	RS06470	WP	011374999.1	MKKK	RKAFTL	TEM	VV	LA	II	AI	LL	LV	AP	NL	GA	QK	QRAE	KK	TD	QA	VT	TL	QT	QV	EL	AS	DE	IGH	QI	65																																					
NTDB	id	32	MW	RS07995	WP	000472256.1	MFKF	..L	KK	TQ	AFTL	TE	ML	V	LL	II	S	LL	LI	IT	PN	IA	Q	TA	H	IQ	ST	GC	NA	QV	KV	MV	NS	QI	E	A	L	KH	R	NP	68																													
NTDB	id	16	SA	RS07765	WP	000472256.1	MFKF	..L	KK	TQ	AFTL	TE	ML	V	LL	II	S	LL	LI	IT	PN	IA	Q	TA	H	IQ	ST	GC	NA	QV	KV	MV	NS	QI	E	A	L	KH	R	NP	68																													
NTDB	id	588	KW2	RS10845	WP	051303741.1	MSK	AL	SL	V	K	I	H	G	R	K	C	Q	K	Q	A	F	T	L	E	M	L	V	L	A	I	I	S	I	L	L	F	V	P	N	L	K	E	K	A	Q	V	K	T	G	E	A	A	V	K	V	V	S	E	S	Q	A	E	L	D	H	D	N	K	80
NTDB	id	1150581	KJA91	RS09585	WP	002356991.1	MKKK	QKYA	GFTL	TE	ML	V	LL	II	S	V	L	L	F	V	P	N	L	A	H	K	E	T	V	D	K	G	K	E	A	IV	K	I	V	E	S	Q	I	E	L	Y	T	L	E	K	N	..KT	66																	
NTDB	id	460	GPW51	RS00790	WP	011921720.1	MKK	I	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	V	L	G	I	S	L	L	L	F	V	P	N	L	S	Q	K	D	A	I	Q	K	K	G	D	A	A	V	V	K	V	V	E	S	Q	M	E	L	Y	E	L	E	H	D	..EE	68		
NTDB	id	502	SM12261	RS00955	WP	000738641.1	MKKM	MTF	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..ED	72		
NTDB	id	162	SP	RS10370	WP	000738627.1	MKKM	MTF	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	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	..ED	72		
NTDB	id	272	KZH43	RS09255	WP	000738626.1	MKKM	MTF	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	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	..ED	72		
NTDB	id	231	SPD	RS09885	WP	000738626.1	MKKM	MTF	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	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	..ED	72		
NTDB	id	197	SPR	RS09420	WP	000738626.1	MKKM	MTF	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	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	..ED	72		
NTDB																																																																						

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	SSIEDLIADGFIFKEAQKTKCSGETITISNG.EAVAN	103
NTDB	id	16	SA RS07765 WP 000472256.1	SSIEDLIADGFIFKEAQKTKCSGETITISNG.EAVAN	103
NTDB	id	588	KW2 RS10845 WP 051303741.1	PNLSELLSAGMITCKQVTAAYDDYDQNKNEQRNFDD	116
NTDB	id	1150581	KJA91 RS09585 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	ATLSKLVAAGNITSCQKQADSYPKAYYGKNNSETQAVAN	105
NTDB	id	396	FSA28 RS09395 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVN	104
NTDB	id	387	SMU RS09025 WP 002263437.1	ATLSKLVASGDITQEANSYKDYAKHPSKTRHVN	104
consensus				*** *! *** * **** * * * *	

- X non conserved
- X similar
- X > 50% conserved