

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IVL	FIIS	LLLL	IT	IPN	VT	KN	QT	IQ	KK	G	CE	GL	Q	N	M	V	K	A	Q	M	T	A	F	E	L	D	H	E	G	Q	T	63																																					
NTDB	id	321542	SAST44	RS08025	WP	000472257.1	MFK	FL	..	KK	TQ	AFTL	I	EM	L	V	LL	IIS	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	L	K	H	N	R	N	P	68																		
NTDB	id	32	MW	RS07995	WP	000472256.1	MFK	FL	..	KK	TQ	AFTL	I	EM	L	V	LL	IIS	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	L	K	H	N	R	N	P	68																		
NTDB	id	16	SA	RS07765	WP	000472256.1	MFK	FL	..	KK	TQ	AFTL	I	EM	L	V	LL	IIS	L	L	L	L	I	L	I	P	N	I	A	K	Q	T	A	H	I	Q	S	T	G	C	N	A	Q	V	K	M	V	N	S	Q	I	E	A	L	K	H	N	R	N	P	68																		
NTDB	id	588	KW2	RS10845	WP	051303741.1	MSK	A	L	S	L	V	K	I	H	G	R	K	L	C	Q	K	K	Q	K	A	F	T	L	I	E	M	L	I	V	L	A	I	I	S	I	L	L	F	V	P	N	L	I	K	E	K	A	Q	V	K	T	G	E	A	A	V	K	V	V	E	S	Q	A	L	Y	E	L	D	H	N	D	K	80
NTDB	id	460	GPW51	RS00790	WP	011921720.1	M	KK	L	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	V	L	G	I	I	S	L	L	L	L	L	F	V	P	N	L	S	Q	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	H	D	..E	68								
NTDB	id	502	SM12261	RS00955	WP	000738641.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	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	E	S	Q	A	E	L	Y	S	L	D	K	N	..E	72					
NTDB	id	162	SP	RS10370	WP	000738627.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	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	E	S	Q	A	E	L	Y	S	L	E	K	N	..E	72					
NTDB	id	272	KZH43	RS09255	WP	000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	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	E	S	Q	A	E	L	Y	S	L	E	K	N	..E	72					
NTDB	id	231	SPD	RS09885	WP	000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	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	E	S	Q	A	E	L	Y	S	L	E	K	N	..E	72					
NTDB	id	197	SPR	RS09420	WP	000738626.1	M	KK	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	L	L	I	S	V	L	F	L	L</																																										

NTDB	id	98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAVCPNGKRII.ITGGEVKEVH	98
NTDB	id	321542	SAST44 RS08025 WP 000472257.1	SSIEDLIADGFIKEEQKTKSGETITISN.GEAVAN	103
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	PNLSELLSAGMITCKQVTAYYDDYDQNKNEQRNFDD	116
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	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	ATLSKLVAAGNISQKQADSYPKAYYKNNSETQAVAN	105
NTDB	id	396	FSA28 RS09395 WP 002263437.1	ATLSKLVASGDITQEQANSYKDYAKHPSKTRHVN	104
NTDB	id	387	SMU RS09025 WP 002263437.1	ATLSKLVASGDITQEQANSYKDYAKHPSKTRHVN	104
consensus				*** *! *?! *!*** * *? *	

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