

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IVL	FIIS	LL	LI	IP	PN	VT	KN	QT	IQ	KG	CE	GL	QNMV	KA	QMTA	FE	D	HE	G	Q	T	63																																				
NTDB	id	1138726	DQM91	RS07940	WP	000472256.1	MFKF	..	LK	KT	QA	FTL	TE	ML	VLL	LIIS	LL	LI	IP	PN	IA	KQ	TA	HI	Q	ST	GC	NA	QV	KM	VNS	Q	IE	A	Y	A	L	K	H	V	R	N	P	68																								
NTDB	id	32	MW	RS07995	WP	000472256.1	MFKF	..	LK	KT	QA	FTL	TE	ML	VLL	LIIS	LL	LI	IP	PN	IA	KQ	TA	HI	Q	ST	GC	NA	QV	KM	VNS	Q	IE	A	Y	A	L	K	H	V	R	N	P	68																								
NTDB	id	16	SA	RS07765	WP	000472256.1	MFKF	..	LK	KT	QA	FTL	TE	ML	VLL	LIIS	LL	LI	IP	PN	IA	KQ	TA	HI	Q	ST	GC	NA	QV	KM	VNS	Q	IE	A	Y	A	L	K	H	V	R	N	P	68																								
NTDB	id	588	KW2	RS10845	WP	051303741.1	MSKALS	LV	KI	HGR	KL	CQ	KK	Q	KA	FTL	TE	ML	IV	LA	II	S	IL	LL	FV	PN	L	K	E	KA	QV	K	GT	GE	AA	VV	KV	V	ES	QA	EL	Y	E	L	D	H	D	N	D	K	80																	
NTDB	id	460	GPW51	RS00790	WP	011921720.1	MKKL	VEM	KV	K	G	F	T	L	V	E	M	L	V	L	G	I	S	LL	LL	FV	PN	L	S	Q	Q	K	D	A	I	Q	K	G	D	A	A	V	V	K	V	V	E	S	Q	M	E	L	Y	E	L	H	D	E	.	E	68							
NTDB	id	431	SGO	RS09410	WP	012130940.1	MNKL	KKL	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	M	L	FV	PN	L	T	K	Q	E	A	V	S	D	T	G	N	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69				
NTDB	id	502	SM12261	RS00955	WP	000738641.1	MKK	MT	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	LL	FV	PN	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	E	.	D	72
NTDB	id	162	SP	RS10370	WP	000738627.1	MKK	MT	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	LL	FV	PN	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	E	.	D	72
NTDB	id	272	KZH43	RS09255	WP	000738626.1	MKK	MT	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	LL	FV	PN	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	E	.	D	72
NTDB	id	231	SPD	RS09885	WP	000738626.1	MKK	MT	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	LL	FV	PN	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	E	.	D	72
NTDB	id	197	SPR	RS09420	WP	000738626.1	MKK	MT	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	LL	FV	PN	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	E			

NTDB id 98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGSEVKVEH	98
NTDB id 1138726	DQM91 RS07940 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB id 32	MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB id 16	SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB id 588	KW2 RS10845 WP 051303741.1	PNLSELLSAGMITGKQVTAYDDYDQNKNEQRNFDD	116
NTDB id 460	GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB id 431	SGO RS09410 WP 012130940.1	ATLSKLVAAGNISQKQADSYPKAYGKNSETQAVAN	105
NTDB id 502	SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKNTSQTVD.	107
NTDB id 162	SP RS10370 WP 000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKNVD	108
NTDB id 272	KZH43 RS09255 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKNVD	108
NTDB id 231	SPD RS09885 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKNVD	108
NTDB id 197	SPR RS09420 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRKNVD	108
NTDB id 530	SMSK321 RS09230 WP 000738643.1	ASLSKLQADGRITEEQAKAYNEYAKNGGANRKNVD	108
consensus		*** ! * * * ! * * * * * * * * *	

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