

NTDB	id	98	BSU 24710 NP 390351.1	MNEK	GFTL	VEML	IVLFI	ISIL	LLIL	ITPN	VT	KN	QT	IQ	KG	CE	GL	QNMV	KA	QMTA	FE	D	HE	GQT	63																																											
NTDB	id	46428	SAA6008 RS08005 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	ISIL	LLIL	ITPN	IA	KQ	TA	HI	QSTG	CNAQ	VKMV	NS	QIEA	YAL	KH	VRNP	68																																										
NTDB	id	32	MW RS07995 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	ISIL	LLIL	ITPN	IA	KQ	TA	HI	QSTG	CNAQ	VKMV	NS	QIEA	YAL	KH	VRNP	68																																										
NTDB	id	16	SA RS07765 WP 000472256.1	MFKF	..L	KK	TQ	AFTL	TEML	VLLI	ISIL	LLIL	ITPN	IA	KQ	TA	HI	QSTG	CNAQ	VKMV	NS	QIEA	YAL	KH	VRNP	68																																										
NTDB	id	588	KW2 RS10845 WP 051303741.1	MSKALS	LV	KI	HGRK	LCQ	KKQ	K	AFTL	TEML	IVL	A	IISIL	LL	LF	VP	NL	LK	E	K	AQ	V	QKTGE	AA	V	V	K	V	V	S	Q	A	E	L	Y	E	L	D	H	D	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	L	G	I	S	I	L	L	L	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	D	A	A	V	V	K	V	V	S	Q	M	E	L	Y	E	L	H	D	E	E	68			
NTDB	id	431	SGO RS09410 WP 012130940.1	M	N	K	L	K	L	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	M	L	L	F	V	P	N	L	T	K	Q	E	A	V	S	D	T	G	N	A	A	V	V	K	V	V	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69	
NTDB	id	502	SM12261 RS00955 WP 000738641.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	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	S	Q	A	E	L	Y	S	L	E	K	N	E	D	72
NTDB	id	162	SP RS10370 WP 000738627.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	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	S	Q	A	E	L	Y	S	L	E	K	N	E	D	72
NTDB	id	272	KZH43 RS09255 WP 000738626.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	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	S	Q	A	E	L	Y	S	L	E	K	N	E	D	72
NTDB	id	231	SPD RS09885 WP 000738626.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	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	S	Q	A	E	L	Y	S	L	E	K	N	E	D	72
NTDB	id	197	SPR RS09420 WP 000738626.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	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	S	Q	A	E	L	Y	S	L	E	K	N	E	D	72
NTDB	id	530	SMSK321 RS09230 WP 000738643.1	M	K	K	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K																					

NTDB	id	98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGGEVKEVH	98
NTDB	id	46428	SAA6008 RS08005 WP 000472256.1	SSIEDLIADGFIKEAQTCKSGETITISNCEA.VAN	103
NTDB	id	32	MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQTCKSGETITISNCEA.VAN	103
NTDB	id	16	SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQTCKSGETITISNCEA.VAN	103
NTDB	id	588	KW2 RS10845 WP 051303741.1	PNLSELLSAGMITCKQVTAAYDDYDQNKNEQRNFDD	116
NTDB	id	460	GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB	id	431	SGO RS09410 WP 012130940.1	ATLSKLVAAGNLSQKQADSYPKAYYGKINSETQAVAN	105
NTDB	id	502	SM12261 RS00955 WP 000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTVD.	107
NTDB	id	162	SP RS10370 WP 000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRNVND	108
NTDB	id	272	KZH43 RS09255 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRNVND	108
NTDB	id	231	SPD RS09885 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRNVND	108
NTDB	id	197	SPR RS09420 WP 000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANRNVND	108
NTDB	id	530	SMSK321 RS09230 WP 000738643.1	ASLSKLQADGRITEEQAKAYNEYAKNGGANRNVND	108
consensus				*** ! * * * ! * * * * * * * * * * *	

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