

NTDB id 619 LCA RS06470 WP 011374999.1	M	KKRKAFTL	EMV	VVLA	AI	IA	LL	LL	VAP	NGA	QK	QRAEK	TDQA	LV	TT	LQT	QVEL	ASD	EIGH	QI	65																										
NTDB id 32 MW RS07995 WP 000472256.1	M	FKFL	..	KK	TQ	AFTL	EM	L	VLL	IIS	LL	LL	LI	IP	NI	AK	QTAH	IC	ST	GC	NA	QV	KM	VNS	QI	EAY	AL	KHN	RNP	68																	
NTDB id 16 SA RS07765 WP 000472256.1	M	FKFL	..	KK	TQ	AFTL	EM	L	VLL	IIS	LL	LL	LI	IP	NI	AK	QTAH	IC	ST	GC	NA	QV	KM	VNS	QI	EAY	AL	KHN	RNP	68																	
NTDB id 588 KW2 RS10845 WP 051303741.1	MSK	ALSLVK	IHGR	KL	CQ	KQ	KFTL	EM	L	IV	LA	IS	IL	LL	FVP	NL	IK	EKA	QV	QKT	GE	AA	VV	KV	VES	QA	LY	EL	DHN	DK	80																
NTDB id 460 GPW51 RS00790 WP 011921720.1	M	KKL	VEM	VVK	FTL	VEM	LV	VL	GI	IS	IL	LL	FVP	NL	SQ	KK	DA	IQ	KG	DA	AV	VV	KV	VES	Q	M	LY	EL	EH	EE	68																
NTDB id 502 SM12261 RS00955 WP 000738641.1	M	KK	MT	FL	KK	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 530 SMSK321 RS09230 WP 000738643.1	M	KK	MT	FL	KK	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 1152085 MMH06 RS03735 WP 000738650.1	M	KK	MT	FL	KS	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 272 KZH43 RS09255 WP 000738626.1	M	KK	MT	FL	KA	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 231 SPD RS09885 WP 000738626.1	M	KK	MT	FL	KA	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 197 SPR RS09420 WP 000738626.1	M	KK	MT	FL	KA	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	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	M	KK	MT	FL	KA	A	KV	KFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	N	D	K	G	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	..	ED	72
NTDB id 431 SGO RS09410 WP 012130940.1	M	NK	L	KK	L	V	K	AFTL	VEM	L	VLL	IIS	V	LL	FVP	NL	TK	QK	E	A	V	S	D	T	GN	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	EL	KN	T	GD	Q	69		
NTDB id 396 FSA28 RS09395 WP 002263437.1	M	KK	T	K																																											

NTDB	id	619	LCA	RS06470	WP	011374999.1	KSLDEL.TDKYTSKDQLKHAK	EKGITIEGGTVKQK.	99
NTDB	id	32	MW	RS07995	WP	000472256.1	SSIEDLIADGFIKEAQKTC	KSGETITIS.NGEAVAN	103
NTDB	id	16	SA	RS07765	WP	000472256.1	SSIEDLIADGFIKEAQKTC	KSGETITIS.NGEAVAN	103
NTDB	id	588	KW2	RS10845	WP	051303741.1	PNLSELLSAGMITKQVTA	YDDDDYDQNKNEQRNFDD	116
NTDB	id	460	GPW51	RS00790	WP	011921720.1	ATVADLQAKGYITEKQAKQ	YATAKK.....	93
NTDB	id	502	SM12261	RS00955	WP	000738641.1	ASLSKLQADGRITEEQAKAY	KEYHAKQNTSQTVD.	107
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	ASLSKLQADGRITEEQAKAY	NEYAKNGGANRKVND	108
NTDB	id	1152085	MMH06	RS03735	WP	000738650.1	ASLSKLQADGRITEEQAKAY	KEYHDKNGVANRKVND	108
NTDB	id	272	KZH43	RS09255	WP	000738626.1	ASLRKLQADGRITEEQAKAY	KEYHDKNGGANRKVND	108
NTDB	id	231	SPD	RS09885	WP	000738626.1	ASLRKLQADGRITEEQAKAY	KEYHDKNGGANRKVND	108
NTDB	id	197	SPR	RS09420	WP	000738626.1	ASLRKLQADGRITEEQAKAY	KEYHDKNGGANRKVND	108
NTDB	id	162	SP	RS10370	WP	000738627.1	ASLRKLQADGRITEEQAKAY	KEYNDKNGGANRKVND	108
NTDB	id	431	SG0	RS09410	WP	012130940.1	ATLSKLVAAGNISQKQADS	YKAYYKKNSETQAVAN	105
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQANSY	KDYAKHPSKTRHVN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQANSY	KDYAKHPSKTRHVN	104
consensus							*** * ! ** * ! ** * ! ** * ** *	* *	

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