

NTDB id 619 LCA RS06470 WP 011374999.1	M	KKK	KKR	KAFTL	IEM	V	V	V	L	A	I	T	A	L	L	L	L	V	A	P	N	L	G	A	Q	K	Q	R	A	E	K	T	D	Q	A	L	V	T	T	L	Q	T	Q	V	E	L	A	S	D	E	I	G	H	Q	I	65															
NTDB id 32 MW RS07995 WP 000472256.1	M	FK	F	L	..	K	K	T	Q	A	F	T	L	I	E	M	L	L	V	L	L	I	I	S	L	L	L	L	L	I	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	Y	A	L	K	H	N	R	N	P	68		
NTDB id 16 SA RS07765 WP 000472256.1	M	FK	F	L	..	K	K	T	Q	A	F	T	L	I	E	M	L	L	V	L	L	I	I	S	L	L	L	L	L	I	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	Y	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	R	K	L	C	Q	K	K	Q	K	A	F	T	L	I	E	M	L	I	V	L	A	I	S	I	L	L	L	F	V	P	N	L	I	K	E	K	A	Q	V	Q	T	G	E	A	A	V	K	V	V	S	Q	A	Q	L	E	L	D	H	D	N	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	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	S	Q	M	E	L	E	H	D	..	E	E	68									
NTDB id 502 SM12261 RS00955 WP 000738641.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	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	S	Q	A	E	L	Y	S	L	D	K	N	..	E	D	72	
NTDB id 106543 AABA16 RS09615 WP 000738621.1	M	K	K	M	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	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	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	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	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	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	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	K	A	A	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	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	L	L	I	I	S	V	L	F	L																																							

NTDB	id	619	LCA	RS06470	WP	011374999.1	KSLDEL.LTDKYTSKDQLKHAKEKGITIEGGTVKQK.	99
NTDB	id	32	MW	RS07995	WP	000472256.1	SSIEDLIADGFIKEAQKTKSGETITIS.NGEAVAN	103
NTDB	id	16	SA	RS07765	WP	000472256.1	SSIEDLIADGFIKEAQKTKSGETITIS.NGEAVAN	103
NTDB	id	588	KW2	RS10845	WP	051303741.1	PNLSELLSAGMITIKQKVTAYDDDDYDQNKNEQRNFDD	116
NTDB	id	460	GPW51	RS00790	WP	011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB	id	502	SM12261	RS00955	WP	000738641.1	ASLSKLQADGRITEEQAKAYKEYHAKQNTSQTVD:	107
NTDB	id	106543	AABA16	RS09615	WP	000738621.1	ASLRKLQADGRITEEQVKAYNEYYTCKGGANRKVND	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	162	SP	RS10370	WP	000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANRKVND	108
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	ASLSKLQADGRITEEQAKAYNEYYAKNGGANRKVND	108
NTDB	id	431	SGO	RS09410	WP	012130940.1	ATLSKLVAAGNLSQKQADSYPKAYYGKNSSETQAVAN	105
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAKHPSKTRHVN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAKHPSKTRHVN	104
consensus							*** *! ** *!***!*** ** ** *	

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved