

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	GFTL	VEML	IVLF	IITS	ILLLI	TIPNV	TKHNQ	T	QKK	GCE	GLQN	MVKA	AQMTA	F	E	L	D	H	E	G	Q	T	63																																													
NTDB	id	210933	BUM85	RS04845	WP	002446532.1	MKT	LKLL	KQTR	AFTL	I	EML	L	VLLI	IIS	LLLL	I	IIPNI	AKQT	SHI	Q	S	T	G	C	D	A	Q	V	K	M	V	N	S	Q	I	E	A	Y	A	L	K	H	N	R	N	P	70																											
NTDB	id	32	MW	RS07995	WP	000472256.1	MFK	FLK	K	TQ	AFTL	I	EML	L	VLLI	IIS	LLLL	I	IIPNI	AKQT	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	MFK	FLK	K	TQ	AFTL	I	EML	L	VLLI	IIS	LLLL	I	IIPNI	AKQT	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	ALSL	V	K	I	H	G	R	K	L	C	Q	K	K	Q	A	F	T	L	I	E	M	L	V	L	A	I	I	S	I	L	I	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	60
NTDB	id	460	GPW51	RS00790	WP	011921720.1	M	K	K	L	V	E	M	K	V	K	G	F	T	L	V	E	M	L	V	L	G	I	I	S	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	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	S	V	L	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	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	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	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	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	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	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	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	S	V	L	F	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	72		
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	M	K	K																																																																		

NTDB	id	98	BSU	24710	NP	390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGGEVKEH	98
NTDB	id	210933	BUM85	RS04845	WP	002446532.1	SNIDDLVSDGFIKEGQKTKCSGQTISIAN.GEAVAN	105
NTDB	id	32	MW	RS07995	WP	000472256.1	SSIEDLIADGFIKEAQKTKCSGETITISN.GEAVAN	103
NTDB	id	16	SA	RS07765	WP	000472256.1	SSIEDLIADGFIKEAQKTKCSGETITISN.GEAVAN	103
NTDB	id	588	KW2	RS10845	WP	051303741.1	PNLSELLSAGMITQKQVTAAYDDYYDQNKNEQRNFDD	116
NTDB	id	460	GPW51	RS00790	WP	011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB	id	502	SM12261	RS00955	WP	000738641.1	ASLSKLQADGRITEEQAKAYKEEYHAKQNTSQTIVAD.	107
NTDB	id	162	SP	RS10370	WP	000738627.1	ASLRKLQADGRITEEQAKAYKEEYNDKNGGANRKVND	108
NTDB	id	272	KZH43	RS09255	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEEYHDKNGGANRKVND	108
NTDB	id	231	SPD	RS09885	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEEYHDKNGGANRKVND	108
NTDB	id	197	SPR	RS09420	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEEYHDKNGGANRKVND	108
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	ASLSKLQADGRITEEQAKAYNEEYAKNGGANRKVND	108
NTDB	id	431	SGO	RS09410	WP	012130940.1	ATLSKLVAAGNISQKQADSYPKAYYGKNNSETQAVAN	105
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDDYAKHPSKTRHVAN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDDYAKHPSKTRHVAN	104
consensus							*** *! ***! ***** ** * *	

-  non conserved
-  similar
-  > 50% conserved