

NTDB	id	588	KW2	RS10845	WP	051303741.1	MSKALSLV	K	I	H	G	R	K	L	C	Q	K	Q	K	A	F	T	L	I	E	M	L	I	V	L	A	I	T	S	I	L	I	L	F	V	P	N	L	I	K	E	K	A	Q	V	Q	K	T	E	A	A	V	V	K	V	V	E	S	Q	A	Q	L	Y	E	L	D	H	N	D	K	80			
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	V	L	G	I	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	V	K	V	V	E	S	Q	M	E	L	Y	E	L	H	D	.	E	E	68			
NTDB	id	502	SM12261	RS00955	WP	000738641.1		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72
NTDB	id	272	KZH43	RS09255	WP	000738626.1		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	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		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	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		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	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		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	V	K	V	V	E	S	Q	A	E	L	Y	S	L	E	K	N	.	E	D	72
NTDB	id	530	SMK321	RS09230	WP	000738643.1		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	V	E	M	L	V	V	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	V	K	V	V	E	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72
NTDB	id	161009	APQ13	RS08630	WP	002263437.1		M	K	K	I	K	R	V	S	V	R	A	F	T	L	I	E	M	L	V	V	L	I	I	S	I	L	L	L	L	F	V	P	N	L	T	K	Q	K	D	K	V	K	D	T	G	G	S	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	N	K	T	.	D	S	68			
NTDB	id	396	FSA28	RS09395	WP	002263437.1		M	K	K	I	K	R	V	S	V	R	A	F	T	L	I	E	M	L	V	V	L</																																																			

NTDB	id	588	KW2	RS10845	WP	051303741.1	PNLSELLSAGMITQKQVTA	YDDYDQNKNEQRNFDD	116
NTDB	id	460	GPW51	RS00790	WP	011921720.1	ATVADLQAKGYITEKQAKQYATAKK		93
NTDB	id	502	SM12261	RS00955	WP	000738641.1	ASLSKLQADGRITEEQAKAYKEYHAK	QNTSQTAVD	107
NTDB	id	272	KZH43	RS09255	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDK	KNGGANRKVND	108
NTDB	id	231	SPD	RS09885	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDK	KNGGANRKVND	108
NTDB	id	197	SPR	RS09420	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDK	KNGGANRKVND	108
NTDB	id	162	SP	RS10370	WP	000738627.1	ASLRKLQADGRITEEQAKAYKEYND	KNGGANRKVND	108
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	ASLSKLQADGRITEEQAKAYNEYAK	KNGGANRKVND	108
NTDB	id	161009	APQ13	RS08630	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAK	KHPSKTRHVN	104
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAK	KHPSKTRHVN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQAANSYKDYAK	KHPSKTRHVN	104
NTDB	id	431	SGO	RS09410	WP	012130940.1	ATLSKLVASAGNISQKQADSYKAYYG	KNNSQTQAVN	105
consensus							*****!*	!*****!*****	* **

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