

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	K	V	V	E	S	Q	A	Q	L	Y	L	E	D	H	D	N	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	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	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	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	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	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	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	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	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	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	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	E	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	K	V	K	A	F	T	L	V	E	M	L	V	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	E	S	Q	A	E	L	Y	S	L	D	K	N	.	E	D	72
NTDB	id	402690	FOB91	RS05600	WP	012130940.1		M	N	K	L	K	L	R	V	K	A	F	T	L	V	E	M	L	V	V	L	L	I	I	S	V	L	M	L	L	F	V	P	N	L	T	K	Q	K	E	A	V	S	D	T	G	N	A	A	V	K	V	V	E	S	Q	A	E	L	Y	E	L	K	N	T	G	D	Q	69				
NTDB	id	431	SGO	RS09410	WP	012130940.1		M	N	K	L	K	L	R	V	K	A	F	T	L	V	E	M	L	V	V	L	L	I	I	S</																																																

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	ASLSKLQADGRITEEQAKAYKEYHAKQNTS	QTVAD	107	
NTDB	id	272	KZH43	RS09255	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANR	KKVND	108	
NTDB	id	231	SPD	RS09885	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANR	KKVND	108	
NTDB	id	197	SPR	RS09420	WP	000738626.1	ASLRKLQADGRITEEQAKAYKEYHDKNGGANR	KKVND	108	
NTDB	id	162	SP	RS10370	WP	000738627.1	ASLRKLQADGRITEEQAKAYKEYNDKNGGANR	KKVND	108	
NTDB	id	530	SMSK321	RS09230	WP	000738643.1	ASLSKLQADGRITEEQAKAYNEYAKNGGANR	KKVND	108	
NTDB	id	402690	F0B91	RS05600	WP	012130940.1	ATLSKLVAAAGNISQKQADS	SYKAYYGNNS	ETQAVAN	105
NTDB	id	431	SGO	RS09410	WP	012130940.1	ATLSKLVAAAGNISQKQADS	SYKAYYGNNS	ETQAVAN	105
NTDB	id	396	FSA28	RS09395	WP	002263437.1	ATLSKLVASGDITQEQANSYKDYAK	KHPSKTRH	VAN	104
NTDB	id	387	SMU	RS09025	WP	002263437.1	ATLSKLVASGDITQEQANSYKDYAK	KHPSKTRH	VAN	104
consensus							*****!***	!*****!*****	***	***

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