

NTDB	id	98	BSU	24710	NP	390351.1	MNEK	G	F	T	L	V	E	M	L	I	V	L	F	I	T	S	I	L	L	L	I	T	I	P	N	V	T	K	H	N	Q	T	I	Q	K	G	C	E	G	L	Q	N	M	V	K	A	Q	M	T	A	F	E	L	D	H	E	G	Q	T	63														
NTDB	id	309628	DD547	RS08780	WP	000472256.1		M	F	K	F	.	L	K	T	Q	A	F	T	L	E	M	L	L	V	L	L	I	I	S	L	L	L	I	L	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	32	MW	RS07995	WP	000472256.1		M	F	K	F	.	L	K	T	Q	A	F	T	L	E	M	L	L	V	L	L	I	I	S	L	L	L	I	L	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	F	K	F	.	L	K	T	Q	A	F	T	L	E	M	L	L	V	L	L	I	I	S	L	L	L	I	L	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	G	R	K	L	C	Q	K	Q	K	A	F	T	L	E	M	L	I	V	L	A	I	I	S	I	L	I	L	F	V	P	N	L	I	K	E	K	A	Q	V	Q	K	T	G	E	A	A	V	K	V	V	E	S	Q	A	L	Y	E	L	D	H	D	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	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	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	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	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	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	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	D	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	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	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	F	V	P	N	L	T	K	Q	K	E	A	V	N	D	K	G	A	A	V	K	V																				

NTDB	id	98	BSU 24710 NP 390351.1	PSLADLQSEGYVKKDAV.CPNGKRIIITGCEVKEVEH	98
NTDB	id	309628	DD547 RS08780 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB	id	32	MW RS07995 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB	id	16	SA RS07765 WP 000472256.1	SSIEDLIADGFIKEAQKTKSGETITISNCEA.VAN	103
NTDB	id	588	KW2 RS10845 WP 051303741.1	PNLSELLSACMITQKQVTAYYDDQNKNEQRNFDD	116
NTDB	id	460	GPW51 RS00790 WP 011921720.1	ATVADLQAKGYITEKQAKQYATAKK.....	93
NTDB	id	431	SGO RS09410 WP 012130940.1	ATLSKLVAAAGNISQKQADSYPKAYYGKNNSSETQAVAN	105
NTDB	id	502	SM12261 RS00955 WP 000738641.1	ASLSKQLQADGRITEEQAKAYKEYYHAKQNTSQTIVAD.	107
NTDB	id	162	SP RS10370 WP 000738627.1	ASLRKQLQADGRITEEQAKAYKEYNDKNGGANRKVND	108
NTDB	id	272	KZH43 RS09255 WP 000738626.1	ASLRKQLQADGRITEEQAKAYKEYYHDKNGGANRKVND	108
NTDB	id	231	SPD RS09885 WP 000738626.1	ASLRKQLQADGRITEEQAKAYKEYYHDKNGGANRKVND	108
NTDB	id	197	SPR RS09420 WP 000738626.1	ASLRKQLQADGRITEEQAKAYKEYYHDKNGGANRKVND	108
NTDB	id	530	SMSK321 RS09230 WP 000738643.1	ASLSKQLQADGRITEEQAKAYNEYYAKNGGANRKVND	108
consensus				*** !***! *** * * * * *	

- ☐ non conserved
- ☒ similar
- ☒ > 50% conserved