

NTDB id	1139430	DQM89	RS00670	WP	002986552.1		M	I	N	Q	W	N	N	R	H	K	L	K	G	F	T	L	E	M	L	V	I	L	V	I	S	V	L	M	L	F	V	P	N	L	S	K	Q	K	O	R	V	T	E	T	G	N	A	A	V	V	K	L	V	E	N	Q	A	E	L	Y	E	L	S	Q	G	.	S	K		72				
NTDB id	588	KW2	RS10845	WP	051303741.1	MSKALS	L	V	K	I	H	G	R	K	L	C	Q	K	K	Q	K	A	F	T	L	E	M	L	V	I	L	A	I	I	S	I	L	I	L	F	V	P	N	L	T	K	E	K	A	Q	V	Q	K	T	G	E	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	D	H	D	N	.	K		80
NTDB id	460	GPW51	RS00790	WP	011921720.1		M	K	K	M	T	F	L	K	K	A	K	V	K	A	F	T	L	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	S	Q	Q	K	D	A	I	Q	K	G	D	A	A	V	V	K	V	V	E	S	Q	M	E	L	Y	E	L	H	D	.	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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	D	K	N	.	E		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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	E	K	N	.	E		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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	E	K	N	.	E		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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	E	K	N	.	E		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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	E	K	N	.	E		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	E	M	L	V	V	L	I	I	S	V	I	F	L	L	F	V	P	N	L	T	K	Q	E	A	V	N	D	K	G	K	A	A	V	V	K	V	V	E	S	Q	A	E	L	Y	E	L	S	L	D	K	N	.	E		72		
NTDB id	431	SGO	RS09410	WP	012130940.1		M	N	K	L	K	L	R	V	K	A	F	T	L	E	M	L	V	V	L	I	I	S	V	L	M	L	L	F	V	P																																												

NTDB id	1139430 DQM89 RS00670 WP 002986552.1	P S L S Q L K A D G S I T E K Q E K A Y Q D P Y D K H K N E K A R L S N	108
NTDB id	588 KW2 RS10845 WP 051303741.1	P N L S E L L S A G M I T C K Q V T A Y D D Y D Q N K N E Q R N F D D	116
NTDB id	460 GPW51 RS00790 WP 011921720.1	A T V A D L Q A K G Y I T E K Q A K Q Y A T A K K	93
NTDB id	502 SM12261 RS00955 WP 000738641.1	A S L S K L Q A D G R I T E E Q A K A Y K E Y H A K N T S Q T V A D .	107
NTDB id	272 KZH43 RS09255 WP 000738626.1	A S L R K L Q A D G R I T E E Q A K A Y K E Y H D K N G G A N R K V N D	108
NTDB id	231 SPD RS09885 WP 000738626.1	A S L R K L Q A D G R I T E E Q A K A Y K E Y H D K N G G A N R K V N D	108
NTDB id	197 SPR RS09420 WP 000738626.1	A S L R K L Q A D G R I T E E Q A K A Y K E Y H D K N G G A N R K V N D	108
NTDB id	162 SP RS10370 WP 000738627.1	A S L R K L Q A D G R I T E E Q A K A Y K E Y N D K N G G A N R K V N D	108
NTDB id	530 SMSK321 RS09230 WP 000738643.1	A S L S K L Q A D G R I T E E Q A K A Y N E Y Y A K N G G A N R K V N D	108
NTDB id	431 SGO RS09410 WP 012130940.1	A T L S K L V A A G N I S Q K Q A D S Y K A Y Y G K N N S E T Q A V A N	105
NTDB id	396 FSA28 RS09395 WP 002263437.1	A T L S K L V A S G D I T Q E Q A N S Y K D Y Y A K H P S K T R H V A N	104
NTDB id	387 SMU RS09025 WP 002263437.1	A T L S K L V A S G D I T Q E Q A N S Y K D Y Y A K H P S K T R H V A N	104
consensus		* * * * * ! * * * ! * * * ! * * * ! * * *	*

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