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NTDB id 317785	MGAS28085	RS00670	WP 002986552.1		MINQWNN	LRHK	KL	KGFTL	LEML	LV	LV	ISVL	M	LLFV	PNL	S	KQK	DRVT	ETG	NA	AAV	VK	LV	EN	QAELY	EL	SQ	G	SK	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id 588	KW2	RS10845	WP 051303741.1		MSKALSLV	KI	HGRK	LC	QKK	QK	KAFTL	IE	ML	LV	LA	IS	IL	LLFV	PNL	I	KE	KAQV	V	QKT	G	EA	AAV	VK	V	ES	QA	CLY	EL	D	HDN	K	80																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id 460	GPW51	RS00790	WP 011921720.1			MKK	L	VE	M	KV	G	FTL	V	E	M	L	V	L	L	L	F	V	PNL	S	Q	K	D	A	I	Q	K	G	D	AAV	VK	V	ES	Q	M	E	L	E	H	D	E	E	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
NTDB id 502	SM12261	RS00955	WP 000738641.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	D	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 272	KZH43	RS09255	WP 000738626.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	E	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 231	SPD	RS09885	WP 000738626.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	E	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 197	SPR	RS09420	WP 000738626.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	E	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 162	SP	RS10370	WP 000738627.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	E	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 530	SMSK321	RS09230	WP 000738643.1			MKK	M	T	F	L	K	K	A	V	K	A	F	T	L	V	E	M	L	V	L	L	I	S	V	L	F	L	F	V	PNL	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	S	L	D	K	N	E	D	72																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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	L	L	I	S	V	L	M	L	F	V	PNL	T	K	Q	K	E	A	V	S	D	T	G	N	A	A	V	V	K	V	V	E	S	Q	A	E	L	S	L	K	N	T	G	D		69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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	L	L	I	S	I	L	L	L	F	V	PNL	T	K	Q	K	D	K	V	K	D	T	G	S	A	V	V	K	V	V	E	S	Q	A	E	L	S	L	N	K	T	.	D	S	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
NTDB id 387	SMU	RS09025	WP 002263437.1			M	K	K	I	K	R	V	S	V	R	A	F	T	L	I	E	M	L	V	L	L	I	S	I	L	L	L	F	V	PNL	T	K	Q	K	D	K	V	K	D	T	G	S	A	V	V	K	V	V	E	S	Q	A	E	L	S	L	N	K	T	.	D	S	68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
consensus					**	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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NTDB id	317785	MGAS28085	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 Y 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 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	SMT1261	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 Q 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	SMK321	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