

NTDB id 1250 GC085 RS13065 WP 027219989.1	..MNNLQLPLLA	LNRMKRIGP....RTVLKLQKRPDLNLMFQLSSSV	DLEEAGLPSWLAQTIKNFDPDFIKTDLNLWLSSS	73
NTDB id 599 KW2 RS05940 WP 021037268.1	.MITNFD....	LFRWKKAGMTNLGVNKLKLFRRKYDRKISLRQM..	GQVAQVKKSIPNFIEQYKNQDVKKLRADYKKFS..	71
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMERYFQIDDAHLEKEFKKIP..	72
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP..	72
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP..	72
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP..	72
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP..	72
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYE....	IYKLKKSGLTNQQVLA	AVLEYGENVDQELLGDI..AEISGCRNPAVFMERYFQIDDAHLEKEFQKFP..	72
NTDB id 341865 ETT56 RS04610 WP 023079425.1	..MNHFE....	LYKLKKAAGLTNKNILN	IILDYQEHQEKSLSLRDM..AVVSGCKHPSHFIEAYKQLDIQKLKMEFKQFP..	70
NTDB id 407 SMU RS04605 WP 002262865.1	..MDNFG....	LPFLKKAAGLTNKNILN	IIDIYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRKEFNRF..	70
consensus	*****	*****!*****	*****!*****	

NTDB id 1250 GC085 RS13065 WP 027219989.1	ENHHIL	TWDS	PYPAL	LKEI	ADPP	FI	YAKG	ELSA	LTP	QPSL	AI	VGSR	NA	SVT	GNEN	ARAF	SRE	ISR	HG	V	SV	SGLA	L	GID	153																																																
NTDB id 599 KW2 RS05940 WP 021037268.1		SFSI	DD	LY	PER	L	REI	YN	PP	VL	IF	YQ	GN	ID	LL	KN	PK	LA	FV	GS	R	LAG	Q	SGI	KSV	Q	KI	V	TE	LN	Q	SFT	IV	SG	LA	K	GID	146																																			
NTDB id 525 SMSK321 RS06295 WP 000705298.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	S	C	S	K	Q	G	A	K	S	V	E	K	I	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 267 KZH43 RS05590 WP 000705306.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 226 SPD RS05990 WP 000705306.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 192 SPR RS05715 WP 000705306.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 157 SP RS06205 WP 000705306.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 497 SM12261 RS05565 WP 000705318.1		SFSI	DD	CY	P	W	D	L	S	E	I	Y	D	A	P	V	L	L	F	Y	K	G	N	D	L	L	K	F	P	K	V	A	V	G	S	R	A	C	S	K	Q	G	A	K	S	V	E	K	V	I	Q	G	L	N	EL	V	I	V	S	G	L	A	K	GID	147								
NTDB id 341865 ETT56 RS04610 WP 023079425.1		SI	S	I	L	D	K	H	Y	P	M	A	L	K	E	I	Y	N	P	P	V	L	L	F	Y	Q	G	N	D	L	L	E	K	P	K	L	A	I	V	G	S	R	R	S	S	D	T	G	V	K	S	V	R	K	I	L	K	E	L	G	N	R	F	V	I	V	S	G	L	A	R	GID	145
NTDB id 407 SMU RS04605 WP 002262865.1		SI	S	I	L	D	K	E	P	L	E	L	K	N	I	Y	N	P	P	V	L	L	F	Y	Q	G	D	L	L	A	R	P	K	L	A	V	V	G	S	R	N	A	S	Q	M	G	V	A	A	V	K	K	I	I																			

[illegible]

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consensus

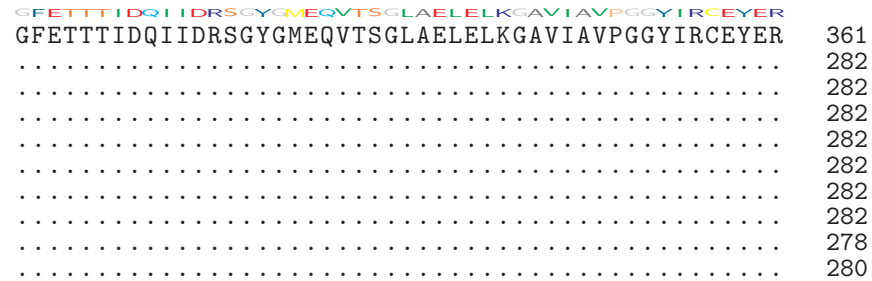
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consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved