

[illegible]

NTDB id 24545	M5005	RS04725	WP 010922355.1	GLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRTGKFADK	N	ISFGNLVVD	LARKEV	KVVGKV	VELLGKEFDL	157							
NTDB id 258	KZH43	RS03475	WP 000590640.1	SLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRSGBKFNEN	TL	TYGNIV	VNLS	TNTVKVEDTP	VELLGKEFDL	157							
NTDB id 217	SPD	RS03775	WP 000590640.1	SLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRSGBKFNEN	TL	TYGNIV	VNLS	TNTVKVEDTP	VELLGKEFDL	157							
NTDB id 183	SPR	RS03560	WP 000590640.1	SLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRSGBKFNEN	TL	TYGNIV	VNLS	TNTVKVEDTP	VELLGKEFDL	157							
NTDB id 147	SP	RS03905	WP 000590640.1	SLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRSGBKFNEN	TL	TYGNIV	VNLS	TNTVKVEDTP	VELLGKEFDL	157							
NTDB id 362	SMU	RS05200	WP 002262214.1	GLDDKGHGFE	LGADDYLT	TKPFYLEEL	KMRIQALL	KRSGBKFNEN	N	LYGELT	VDTA	TNTTMV	NGKEVELL	GKEFDL	157						
NTDB id 413	AAK55817.1	141..845()		SEFDKVI	GLELGADDY	VT	KPFSNREL	QARV	KALLRS	QPM	PVDGQ	.EADSKPQP	IQIGDL	ETVPDAYVA	KKYGEELDL	THREFEL	166				
NTDB id 374	SMU	RS06885	WP 002262930.1	SEFDKVI	GLEIGADDY	VT	KPFSNREL	LARV	KALLR	TEN	IESA	VAEENAS	GIP	ELIIGDL	QLPDAFVAK	KRGKEVEL	THREFEL	167			
NTDB id 606	V4T04	RS01910	WP 003130756.1	STFDRVAGL	DIGADDY	IT	KPFAIE	ELLAR	VRAH	FR	REEH	GHAV	.ERAENTS	FR	DLVIDK	NRTV	RGKKV	LDL	TRREYDL	163	
NTDB id 471	HSISS4	RS01430	WP 002883757.1	SIMD	IVAGL	DRGADDY	IV	KPFAIE	ELLAR	IRAT	FR	RQDIEA	AKNAPAKAST	YR	DLKL	DVQNR	TVVRG	D	EALPL	TKREFDL	163
consensus				***!	***!	***!	!!!!	*!!!!!	***!	!!!!	***!	***!	*****	*****	*****	*****	***!	***!	*!*	!	

	id	24545	M5005	RS04725	WP	010922355.1	L	V	V	L	L	Q	N	Q	N	V	I	P	K	T	Q	I	F	D	R	L	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	I	S	K	I	R	K	K	L	G	T	C	.	F	V	N	R	L	Q	T	L	R	S	V	G	Y	I	L	K	N	N	E	.		224		
NTDB	id	258	KZH43	RS03475	WP	000590640.1	L	V	V	F	L	Q	N	Q	N	V	I	P	K	T	Q	I	F	D	R	L	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	Y	V	S	K	V	R	K	K	L	G	T	T	.	F	A	E	N	L	Q	T	L	R	S	V	G	Y	I	L	K	D	V	Q	.		224	
NTDB	id	217	SPD	RS03775	WP	000590640.1	L	V	V	F	L	Q	N	Q	N	V	I	P	K	T	Q	I	F	D	R	L	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	Y	V	S	K	V	R	K	K	L	G	T	T	.	F	A	E	N	L	Q	T	L	R	S	V	G	Y	I	L	K	D	V	Q	.		224	
NTDB	id	183	SPR	RS03560	WP	000590640.1	L	V	V	F	L	Q	N	Q	N	V	I	P	K	T	Q	I	F	D	R	L	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	Y	V	S	K	V	R	K	K	L	G	T	T	.	F	A	E	N	L	Q	T	L	R	S	V	G	Y	I	L	K	D	V	Q	.		224	
NTDB	id	147	SP	RS03905	WP	000590640.1	L	V	V	F	L	Q	N	Q	N	V	I	P	K	T	Q	I	F	D	R	L	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	Y	V	S	K	V	R	K	K	L	G	T	T	.	F	A	E	N	L	Q	T	L	R	S	V	G	Y	I	L	K	D	V	Q	.		224	
NTDB	id	362	SMU	RS05200	WP	002262214.1	L	V	V	F	L	Q	N	Q	N	V	I	P	K	S	Q	I	F	D	R	I	W	G	F	D	S	D	T	T	I	S	V	E	V	E	V	Y	V	S	K	I	R	K	K	L	K	D	T	T	.	F	G	K	N	L	Q	T	L	R	S	V	G	Y	I	L	K	D	A	N	.		224
NTDB	id	413	AAK55817.1	141..845()			L	Y	H	L	A	S	H	T	G	Q	V	I	T	R	E	H	L	L	E	T	V	W	G	Y	D	Y	F	G	D	V	R	T	V	D	V	T	V	R	R	L	R	E	K	I	E	D	T	P	S	R	P	E	Y	I	L	T	R	R	G	V	G	Y	Y	M	R	N	A	*		234	
NTDB	id	374	SMU	RS06885	WP	002262930.1	L	H	H	L	A	T	H	T	G	Q	V	M	T	R	E	H	L	L	E	T	V	W	G	Y	D	Y	F	G	D	V	R	T	V	D	V	T	V	R	R	L	R	E	K	I	E	D	T	P	S	R	P	E	Y	I	L	T	R	R	G	V	G	Y	Y	M	R	S	Y	D		235	
NTDB	id	606	V4T04	RS01910	WP	003130756.1	L	I	T	L	M	Q	N	G	V	D	V	T	R	E	H	L	V	S	Q	V	W	G	Y	E	E	G	T	E	T	N	V	V	D	V	Y	I	R	Y	L	R	N	K	I	.	D	V	E	G	Q	D	S	Y	I	Q	T	V	R	G	L	G	Y	V	M	R	E	R	K	.		230	
NTDB	id	471	HSISS4	RS01430	WP	002883757.1	L	N	T	L	L	S	N	M	N	Q	V	M	T	R	E	E	L	L	L	Q	V	W	K	Y	D	D	A	I	E	T	N	V	V	D	V	Y	I	R	Y	L	R</																														

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