

	ORFs in TriTrypDB																		ORFs independently amplified by PCR						
	strain 927										strain 427								strain 427						
Nucleotide position in 927	Tb927.8.4710	aa change	Tb927.8.4720	aa change	Tb927.8.4730	aa change	Tb927.8.4700	aa change	Tb927.8.4740	aa change	Tb427.08.4710	aa change	Tb427.08.4720	Tb427.08.4730	aa change	Tb427.08.4700	aa change	Tb427.08.4740	aa change	Tb427.08.4720 (AATS-3)	aa change	Tb427.08.4720_D20N	aa change	Tb427.08.4740	aa change
6	G		G		G		G		G		C		C	C		C		C		G/C*		G/C*		G/C*	
19	G	P to A	C		G	P to A	C		C		Ns (19-24)		C	Ns (19-25)		C		C		C		C		C	
24	G		A		G		A		A				A			A		A		A		A		A	
58	G		G		G		G		G		G		G	G		G		G		G		A	D to N	G	
60-63	TGAG		TGAG		TGAG		TGAG		TGAG		TGAG		TGAG	TGAG		del 60-63		TGAG		TGAG		TGAG		TGAG	
96	C	D	C	D	C	D	C	D	C	D	C	D	N	N		N		N		C	D	C	D	G	D to E
121	A		G		A		G		G		G		G	G		G		G		G		G		G	
128	T	P to L	C		T	P to L	C		C		C		C	T	P to L	C		C		C		C		C	
183	T		T		T		T		T		C		C	C		C		C		C		C		C	
273	T		C		T		C		C		T		C	C		C		C		C		C		C	
369	T		T		T		C		C		T		T	T		C		C		T		T		C	
370	C		C		C		A	A to T	A	A to T	G		G	G		A	A to T	A	A to T	G		G		A	A to T
486	G		G		G		C		C		G		G	G		C		C		G		G		C	
488	A		A		A		G	D to G	G	D to G	A		A	A		G	D to G	G	D to G	A		A		G	D to G
495	G		G		G		T		T		G		G	G		T		T		G		G		T	
496	C		C		C		G		G		C		C	C		G	L to A	G	L to A	C		C		G	L to A
497	T		T		T		C	L to A	C	L to A	T		T	T		C		C		T		T		C	
498	A		A		A		T		T		A		A	A		T		T		A		A		T	
506	C		C		C		G	S to C	G	S to C	C		C	C		G	S to C	G	S to C	C		C		G	S to C
508	T		T		T		A	S to T	A	S to T	T		T	T		A	S to T	A	S to T	T		T		A	S to T
511	G		G		G		A	A to T	A	A to T	G		G	G		A	A to T	A	A to T	G		G		A	A to T
618	T		T		T		T		T		C		C	C		C		C		C		C		C	
936	C		T		C		T		T		T		T	C		T		T		T		T		T	
1126	T	S to C	A	S to C	T	S to C	T	S to C	T	S to C	T		T	T		T		T		T		T		T	