

Table S1. Summary of tissue-specific chronic infection frequencies across *T. cruzi* – mouse strain combinations

Study	Experiment Parameters				Percent of animals bioluminescence positive									
	<i>T. cruzi</i> strain	Mouse (F/M)	Inoculum	n ^a	Heart	Lung	Spleen	SKM	VA	GM	LI	ST	LI or ST	None
This study	TcVI-CLBR	Balb/c (F)	1x10 ³ BTs i.p.	9	22	22	22	33	22	33	89	89	100	0
This study	TcVI-CLBR	Balb/c (M)	1x10 ³ BTs i.p.	5	20	40	20	80	20	80	100	80	100	0
Lewis et al 2014	TcVI-CLBR	Balb/c (F)	1x10 ³ BTs i.p.	8 ^b	0	20	13	25	0	25	88	63	100	0
Lewis et al 2014	TcVI-CLBR	Balb/c (F)	1x10 ³ BTs s.c.	6	0	0	0	0	0	0	83	17	83	17
Both	TcVI-CLBR	Balb/c (F)	1x10 ³ BTs i.p.	28 ^c	11	20	14	32	12	32	89	64	96	4
This study	Tcl-X10/6	Balb/c (F)	2x10 ⁵ TCTs i.p.	6	17	0	17	67	33	100	100	100	100	0
This study	Tcl-JR	Balb/c (F)	1x10 ³ BTs i.p.	10	50	60	0	60	10	50	80	100	100	0
This study	TcVI-CLBR	C57BL/6 (F)	1x10 ³ BTs i.p.	10	0	40	40	0	10	80	100	80	100	0
This study	Tcl-JR	C57BL/6 (F)	1x10 ³ BTs i.p.	10	40	30	0	70	10	70	100	90	100	0
This study	TcVI-CLBR	C3H/HeN (F)	1x10 ³ BTs i.p.	10	10	60	20	30	10	50	80	60	90	0
This study	Tcl-JR	C3H/HeN (F)	1x10 ³ BTs i.p.	8	88	88	25	88	75	100	100	100	100	0
This study	Tcl-JR	C3H/HeN (F)	1x10 ³ MTs s.c.	6	100	100	67	100	50	100	100	100	100	0
All TcI				40	58	55	18	75	33	80	95	98	100	0
All TcVI				48	8	33	21	25	11	46	90	67	96	2
All Models				88	31	44	19	48	21	61	92	81	98	1

M, male; F, female; SKM, skeletal muscle; VA, visceral adipose; GM, gut mesenteries; LI, large intestine; ST, stomach; BT, blood trypomastigotes; MT, metacyclic trypomastigote

^a survived to end-point

^b Lewis *et al.* (2014) Cellular Microbiology 16: 1285-1300

^c lung and adipose n = 5

^d lung and adipose n = 25