

S5 Table. Trypanosomes frequency in tsetse fly tissues. Description of single, double and triple infections.

	Tsetse proboscis	Tsetse gut	Tsetse Remaining body
Single infections			
<i>T. vivax</i>	42	14	59
<i>T. grayi</i>	0	0	5
<i>T. simiae</i>	0	0	1
<i>T. congolense</i>	1	1	2
<i>Trypanosoma sp.-Maro1 (T. bennetti-like)</i>	0	0	1
<i>Trypanosoma sp.-Maro2</i>	0	1	0
NI100 (not included in calculation)	12	5	11
Total	43	16	68
Double infections			
<i>T. godfreyi/T. vivax</i>	0	0	1
<i>T. grayi/T. vivax</i>	5	2	10
<i>T. simiae/T. vivax</i>	2	0	2
<i>T. brucei/T. vivax</i>	2	0	5
<i>T. brucei/T. grayi</i>	0	1	3
<i>T. congolense/T. vivax</i>	2	0	1
<i>T. congolense/T. godfreyi</i>	0	1	0
Total	11	4	22
Triple infections			
<i>T. brucei/T. grayi/T. vivax</i>	2	0	1
<i>T. congolense/T. brucei/T. vivax</i>	1	0	0
<i>T. brucei/T. grayi/T. godfreyi</i>	0	0	1
<i>T. grayi/T. godfreyi/N100</i>	1	0	0
<i>Trypanosoma sp.-Maro1 /T. godfreyi/T. vivax</i>	1	0	0
Total	5	0	2
Total PCR positive	59	20	92
Total PCR negative	112	14	51
Total collected samples	171	34	143

NI100: Unidentified amplicon (between 100 and 150 bp)