

Supplementary Table S1

Trypanosoma cruzi and *Trypanosoma rangeli* isolates used in this study, host and geographic origin, genotyping, and SSU rRNA sequences used for phylogenetic inferences.

Sample TCC code ^a	Isolate ^b	Host species	Geographic origin State/country	Geno- type	SSU rRNA Genbank accession number	
<i>Trypanosoma cruzi</i>						
BS	33054	human	<i>Homo sapiens</i>	Acre/BR	Tcl	ON128739
GS	Rro3AC	triatomine	<i>Rhodnius robustus</i>	Acre/BR	Tcl	ON128741
-	LBT7074	bat	<i>Artibeus lituratus</i>	Acre/BR	Tcl	KY649124
262	AEAAB	Non human primate	<i>Cebuella pygmaea</i>	Acre/BR	Tcl	AY491763
331	AM-ANV	Non human primate	<i>Sapajus apella</i>	Acre/BR	Tcl	EU755222
-	LBT7097	bat	<i>Phyllostomus discolor</i>	Acre/BR	Tcl	KY649140
1042	ROi 309	triatomine	<i>Rhodnius robustus</i> II	Rondônia/BR	Tcl	= EU755225
649	Rr649	triatomine	<i>Rhodnius robustus</i> II	Rondônia/BR	Tcl	EU755225
363	Roma06C	didelphid	<i>Didelphis marsupialis</i>	Rondônia/BR	Tcl	FJ549375
640	640	bat	<i>Carollia perspicillata</i>	Rondônia/BR	Tcl	FJ001633
642	642	bat	<i>Carollia perspicillata</i>	Rondônia/BR	Tcl	FJ001624
30	G	didelphid	<i>Didelphis marsupialis</i>	Amazonas/BR	Tcl	AF239981
1339	Silviox10	human	<i>Homo sapiens</i>	Pará/BR	Tcl	AF303659
743	Cilene	human	<i>Homo sapiens</i>	Amazonas/BR	Tcl	EU755231
835	GSC	human	<i>Homo sapiens</i>	Pará/BR	Tcl	EU755233
971	DRS	human	<i>Homo sapiens</i>	Amapá/BR	Tcl	FJ549378
972	TCC972	human	<i>Homo sapiens</i>	Amapá/BR	Tcl	= FJ549378
803	TCC803	human	<i>Homo sapiens</i>	Pará/BR	Tcl	= EU755233
818	TCC818	human	<i>Homo sapiens</i>	Pará/BR	Tcl	= EU755234
34	Y	human	<i>Homo sapiens</i>	São Paulo/BR	TcII	AF301912
844	IM-3869	human	<i>Homo sapiens</i>	Amazonas/BR	TcIII	AF303660
2123	M6241 cl6	human	<i>Homo sapiens</i>	Pará/BR	TcIII	AY785578
845	MT3663	triatomine	<i>Panstrongylus geniculatus</i>	Amazonas/BR	TcIII	AF288660
BS	33052	human	<i>Homo sapiens</i>	Acre/BR	TcIV	ON128740
337	fuscilis 15	Non human primate	<i>Saguinus fuscicollis</i>	Acre/BR	TcIV	EU755223
338	labiatus 17	Non human primate	<i>Saguinus labiatus labiatus</i>	Acre/BR	TcIV	AY491762
-	LBT5009	bat	<i>Artibeus lituratus</i>	Acre/BR	TcIV	KY748356
-	LBT5060	bat	<i>Phyllostomus hastatus</i>	Acre/BR	TcIV	KY748354
BS	cujubim	human	<i>Homo sapiens</i>	Rondonia/BR	TcIV	= AJ009148
661	Rr661	triatomine	<i>Rhodnius robustus</i> II	Rondonia/BR	TcIV	EU755226
698	Rr698	triatomine	<i>Rhodnius robustus</i> II	Rondonia/BR	TcIV	EU755228
GS	Pgen cujumim	triatomine	<i>Panstrongylus geniculatus</i>	Rondonia/BR	TcIV	= AJ009148
463	2440	Non human primate	<i>Cebus olivaceus</i>	Amazonas/BR	TcIV	EU755224
2124	CanIII	human	<i>Homo sapiens</i>	Pará/BR	TcIV	AJ009148
85	JJ	human	<i>Homo sapiens</i>	Amazonas/BR	TcIV	AY491761
1434	RBS 3676-XE:4766	human	<i>Homo sapiens</i>	Amapá/BR	TcIV	EU755244
1805	JSS-7739/3245	human	<i>Homo sapiens</i>	Pará/BR	TcIV	= AJ009148
778	4167	triatomine	<i>Rhodnius brethesi</i>	Amazonas/BR	TcIV	EU755232
-	monkey	Non human primate	<i>Macaca mulatta</i>	USA	TcIVNA	AJ620544
-	91122102R	carnivore	<i>Procyon lotor</i>	USA	TcIVNA	FJ555628
967	NRcl3	human	<i>Homo sapiens</i>	Chile	TcV	AF228685
186	Tunalito	triatomine	<i>Triatoma infestans</i>	Bolivia	TcV	FJ001630
-	Peru	human	<i>Homo sapiens</i>	Peru	TcVI	X53917
-	CL Brener	triatomine	<i>Triatoma infestans</i>	Rio Grande do Sul/BR	TcVI	AF245383

<i>Trypanosoma rangeli</i>						
353	Maloch-05	Non human primate	<i>Callicebus cupreus</i>	Acre/BR	TrA	AY491750
-	LBT 5428	bat	<i>Artibeus planirostris</i>	Acre/BR	TrA	KY649155
-	LBT 5472	bat	<i>Carollia perspicillata</i>	Acre/BR	TrA	KY649114
-	C750	dog	<i>Canis familiaris</i>	Acre/BR	TrA	MN649017
704	ROR-85	triatomine	<i>Rhodnius robustus</i> II	Rondonia/BR	TrA	EF071579
667	ROR-20	triatomine	<i>Rhodnius robustus</i> II	Rondonia/BR	TrA	EF071577
369	Roma01	didelphid	<i>Didelphis marsupialis</i>	Rondonia/BR	TrA	AY491748
382	Roma06	didelphid	<i>Didelphis marsupialis</i>	Rondonia/BR	TrA	AY491749
202	AT-ADS	Non human primate	<i>Saimiri sciureus</i>	Pará/BR	TrA	AY491746
220	AT-AEI	Non human primate	<i>Saimiri sciureus</i>	Pará/BR	TrA	AY491747
422	2532	Non human primate	<i>Cebus albifrons</i>	Amazonas/BR	TrA	= AY491746
20	Macias	human	<i>Homo sapiens</i>	Venezuela	TrA	AJ012415
31	SanAugustin	human	<i>Homo sapiens</i>	Colombia	TrA	AJ012417
BS	33053	human	<i>Homo sapiens</i>	Acre/BR	TrB	ON128738
232	11841	Non-human primate	<i>Saguinus labiatus</i>	Acre/BR	TrB	ON128743
235	46388	Non-human primate	<i>Saguinus fuscicollis</i>	Acre/BR	TrB	ON128742
233	11049	Non-human primate	<i>Saguinus labiatus labiatus</i>	Acre/BR	TrB	AY491756
207	AE-AAA	Non-human primate	<i>Cebuella pygmaea</i>	Acre/BR	TrB	AY491752
194	AE-AAB	Non-human primate	<i>Cebuella pygmaea</i>	Acre/BR	TrB	AY491753
205	M12229	Non-human primate	<i>Aotus sp</i>	Amazonas/BR	TrB	AY491757
86	AM80	human	<i>Homo sapiens</i>	Amazonas/BR	TrB	AY491766
261	AM11	human	<i>Homo sapiens</i>	Amazonas/BR	TrB	AY491758
	4176	triatomine	<i>Rhodnius brethesi</i>	Amazonas/BR	TrB	EF071580
759	4167	triatomine	<i>Rhodnius brethesi</i>	Amazonas/BR	TrB	= EF71580
13	preguici	sloth	<i>Choloepus didactylus</i>	Pará/BR	TrB	AY491767
10	legeri	anteater	<i>Tamandua tetradactyla</i>	Pará/BR	TrB	AY491769
-	PG	human	<i>Homo sapiens</i>	Panama	TrC	AJ012416
-	Bg-60	human	<i>Homo sapiens</i>	Costa Rica	TrC	X62675
328	1625	human	<i>Homo sapiens</i>	Salvador	TrC	AY491738
-	SO29	triatomine	<i>Rhodnius pallescens</i>	Colombia	TrC	EF071581
-	RGB	dog	<i>Canis familiaris</i>	Venezuela	TrC	AJ009160
-	G5	triatomine	<i>Rhodnius pallescens</i>	Colombia	TrC	EF071582
-	043AJGuanabano	bat	<i>Artibeus jamaicensis</i>	Panama	TrC	KM406901
900	IM 5140	triatomine	<i>Rhodnius pictipes</i>	Amazonas/BR	TrE	KT368799
-	C170	didelphid	<i>Philander opossum</i>	Pará/BR	TrE	MN649026
643	643	bat	<i>Platyrrhinus lineatus</i>	Mato Grosso do Sul/BR	TrE	EU867803
23	SC-58	rodent	<i>Echimys dasythrix</i>	Santa Catarina/BR	TrD	AY491745
-	C593	bat	<i>Carollia perspicillata</i>	Espírito Santo/BR	TrD	MF141848
<i>T. conorhini</i>	BR1	Rodent	<i>Rattus rattus</i>	Pará/BR		AJ012411
<i>T.c. marinkellei</i>	ROMo 114	bat	<i>Carollia perspicillata</i>	Rondônia/BR		FJ001664

BS, blood sample, GS, triatomine gut sample. ^a, TCC, Code numbers of the isolates cryopreserved in the Trypanosomatid Culture Collection (TCC), Department of Parasitology, University of São Paulo, São Paulo, Brazil (BR). ^b, field codes of the isolates.