

TABLE
18S SSU and gGAPDH sequences used in this study

Species	Codes	gGAPDH Accession numbers	18S SSU Accession numbers	References
<i>Trypanosoma cruzi</i>	<i>T. cruzi</i> 1, <i>T. cruzi</i> 2, <i>T. cruzi</i> 3	GQ140356, KT305796, KT305797,	AJ009149, CP015675, KT829462	Stevens et al. (1998), Cavazzana Jr et al. (2010), Franzen et al. (2012), Lima et al. (2015), Pinto et al. (2015)
<i>T. cruzi marinkellei</i>	<i>T. cruzi marinkellei</i> 1, <i>T. cruzi marinkellei</i> 2	GQ140360, KF557743	KR653213, KR653216	Cavazzana Jr et al. (2010), da Costa et al. (2016)
<i>T. dionisii</i>	<i>T. dionisii</i>	FJ649494	FN599058	McInnes et al. (2009), Hamilton et al. (2012)
<i>T. erneyi</i>	<i>T. erneyi</i> 1, <i>T. erneyi</i> 2	JN040968, JN040969	JN040989, JN040990	Lima et al. (2012)
<i>T. conorhini</i>	<i>T. conorhini</i>	AJ620267	AJ012411	Stevens et al. (1999), Hamilton et al. (2004)
<i>T. vespertilionis</i>	<i>T. vespertilionis</i>	AJ620283	AJ009166	Stevens et al. (1998), Hamilton et al. (2004)
<i>T. rangeli</i>	<i>T. rangeli</i> 1, <i>T. rangeli</i> 2	GQ140364, JN040973	EF071580, KT368799	da Silva et al. (2007), Cavazzana Jr et al. (2010), Lima et al. (2012, 2015)
<i>T. noyesi</i>	<i>T. noyesi</i> 1, <i>T. noyesi</i> 2, <i>T. noyesi</i> 3, <i>T. noyesi</i> 4	AJ620276, JN315395, JN315396, KU354264	JN315381, JN315383, KU354263, KX008320	Lima et al. (2012, 2015), Hamilton et al. (2004), Paparini et al. (2011), Botero et al. (2016)
<i>T. janseni</i>	<i>T. janseni</i> liver, <i>T. janseni</i> spleen	KY549444, KY549445	KY243025, KY243026	This study
<i>T. wauwau</i>	<i>T. wauwau</i> 1, <i>T. wauwau</i> 2	KT030800, KT030801	KT030848, KT030849	Lima et al. (2015)
<i>T. lewisi</i>	<i>T. lewisi</i>	AJ620272	AJ009156	Stevens et al. (1998), Hamilton et al. (2004)
<i>T. livingstonei</i>	<i>T. livingstonei</i> 1, <i>T. livingstonei</i> 2, <i>T. livingstonei</i> 3	KF192958, KF192960, KF192965,	KF192980, KF192981, KF192987	Lima et al. (2013)
<i>T. microti</i>	<i>T. microti</i>	AJ620273	AJ009158	Stevens et al. (1999), Hamilton et al. (2004)
<i>Herpetomonas muscarum</i>	<i>H. muscarum</i>	DQ092548	JQ359731	Stevens et al. (1999), Hamilton et al. (2004), Yurchenko et al. (2006), Borghesan et al. (2013)
<i>Trypanosoma</i> sp.	TrypAB2013 G1, TrypAB2013 G2, TrypAB2013 G4, TrypAB2013 G5, TrypAB2013 G7, TrypAB2013 G8, Tryp wombat, Tryp bat, TrypNanDoum1, Tryp_HochNDi1	AJ620277, FM164793, FM164794, GQ140365, KC812982, KC812983, KC812985, KC812986, KC812987, KC812988	AJ012418, AJ620558, FM202492, FM202493, KC753530, KC753531, KC753532, KC753534, KC753536, KC753537	Stevens et al. (1999), Hamilton et al. (2005, 2009), Cavazzana Jr et al. (2010), Botero et al. (2013)

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