

# Differential Spreading of Microsatellites in Holocentric Chromosomes of Chagas Disease Vectors: Genomic and Evolutionary Implications

**Table S1.** Geographic origin of the individuals studied.

Tribe Triatomini	Species	Geographic origin
	<b>South American lineage</b>	
infestans complex	<i>Triatoma infestans</i> (Andean group)	Bolivia, Potosí, Palquiza, Sylvatic. 21°31'41"S, 65°45'04"W Bolivia, La Paz, Loayza, Sapini, Peridomestic. 16°48'55"S, 67°42'21"W
	<i>Triatoma infestans</i> (non-Andean group)	Argentina, Chaco, Tres Estacas, Per. 26°54'30"S, 51°40'23"W Argentina, Santiago del Estero, Silipica, Per. 28°13'25"S, 64°07'13"W
	<i>Triatoma delpontei</i>	Bolivia, Santa Cruz, Tita, S. 18°34'31"S, 62°40'05"W
rubrovaria complex	<i>Triatoma patagonica</i>	Argentina, Santiago del Estero, Mitre, Per. 29°24'50"S, 62°47'23"W
sordida complex	<i>Triatoma sordida</i>	Brazil, Minas Gerais, Montes Claros, Per. <b>16°44'6"S, 43°51'42"W</b>
	<b>Dispar lineage</b>	
	<i>Triatoma boliviana</i>	Bolivia, La Paz, Muñecas, Chuma, Per. 15°28'51"S, 68°53'54"W
	<i>Triatoma carrioni</i>	Perú, Piura, Ayabaca, Socchabamba, S. 4°35'43"S, 79°40'09"W
	<b>North American lineage</b>	
protracta complex	<i>Triatoma barberi</i>	Mexico, Querétaro, La Cueva. Per. 20°29'04"N, 100°26'20"W
	<i>Triatoma protracta</i>	USA, Arizona. Insectary Justin Schmidt.
dimidiata complex	<i>Triatoma dimidiata</i>	Guatemala, Baja Verapaz, different localities. Domestic.
nitida complex	<i>Triatoma nitida</i>	Guatemala, Quiché, Zacualpa, D. 15°01'34"N, 90°52'42"W
	<i>Triatoma rubida</i>	USA, Arizona, Tucson, S.
phyllosoma complex	<i>Triatoma recurva</i>	USA, Arizona, Tucson, S.
	<i>Triatoma gerstaeckeri</i>	USA, Texas, Frio Cave, S.
rubrofasciata complex	<i>Triatoma rubrofasciata</i>	Vietnam, Hanoi, Tu Liem district. Per. 21°02'48"N, 105°44'54"E
(uncertain complex)	<i>Triatoma sanguisuga</i>	USA, Louisiana, S.
lecticularia complex	<i>Paratriatoma lecticularia</i>	USA, Texas, S.
spinolai complex	<i>Mepraia spinolai</i>	Chile, Atacama, Chañaral, Inca Oro, D. 26°45'20"S, 69°54'16"W

<i>Panstrongylus chinai</i>	Perú, Lambayeque, Chiclayo, Zaña, D. 6°54'15"S, 79°34'27"W
<i>Panstrongylus geniculatus</i>	Colombia, Santander, Bucaramanga, S. 7°07'31"N, 73°7'11"W
<i>Panstrongylus lutzi</i>	Brazil, Ceará, Várzea Alegre, Per. 06°47'20"S, 39°17'00"W
<i>Panstrongylus megistus</i>	Brazil, Rio de Janeiro, Botanical Garden, S.
<i>Panstrongylus noireau</i>	Bolivia, La Paz, Muñecas, Camata, Per. 15°14'22"S, 68°44'52"W
<i>Panstrongylus rufotuberculatus</i>	Colombia, La Guajira, Gumake, Per. 111°12'15"N, 73°14'58"W Colombia, Antioquia, Amalfi, Per. 6°54'33"N, 75°04'36"W
<b>Tribe Rhodniini</b>	
<b>Prolixus lineage</b>	
<i>Rhodnius prolixus</i>	Colombia, S. Insectary CDC, Atlanta, USA.
<b>Pallescens lineage</b>	
<i>Rhodnius ecuadoriensis</i>	Perú, La Libertad, Gran Chimú, Simbrón, D. 7°33'13"S, 78°33'26"W