



Unexpected biogeographical patterns? The case of the apparently widespread *Trachycephalus typhonius* (Anura: Hylidae)

Angela M. Mendoza-Henao, Juan Alejandro Guerrero-Cupacan, Khristian Venegas-Valencia & Mailyn A. Gonzalez

Table S1. Samples and access codes in GenBank and/or BOLD for COI and 16S sequences of *Trachycephalus* used in this study. The sequences generated in this study can be consulted in the dataset DS-TRCIH24 (dx.doi.org/10.5883/DS-TRCIH24). COL=Colombia, PE=Peru, GUF=French Guiana, ECU=Ecuador, BRA=Brazil, VEN=Venezuela, BOL=Bolivia, CRI=Costa Rica, GUY=Guyana. *Roelants et al. (2007) refer to the locality as South America. The sample from the type locality of *T. typhonius* is highlighted in **bold**.

Sample Code	Locality	Species	COI	16S	BIN
IAvH-Am-17041	COL_Bolívar	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-17713	COL_Cordoba	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-17714	COL_Cordoba	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-16936	COL_Meta	<i>T. typhonius</i>	this study	this study	BOLD:ACZ3605
IAvH-Am-16938	COL_Meta	<i>T. typhonius</i>	this study	this study	BOLD:ACZ3605
IAvH-Am-17802	COL_Meta	<i>T. typhonius</i>	this study	this study	BOLD:ACZ3605
IAvH-Am-16876	COL_Santander	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-17213	COL_Santander	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-17234	COL_Santander	<i>T. typhonius</i>	this study	this study	BOLD:AAK 2012
UIS-MHN-A-6208	COL_Santander	<i>T. venulosus</i>	this study	this study	BOLD:AAK 2012
UIS-MHN-A-6218	COL_Santander	<i>T. venulosus</i>	this study	this study	BOLD:AAK 2012
IAvH-Am-11847	COL_Vichada	<i>T. typhonius</i>	this study	this study	BOLD:ACZ3605
IAvH-Am-14683	COL_Vichada	<i>T. typhonius</i>	this study	this study	BOLD:ACZ3605
KU_215370	PE_Cuzco	<i>T. coriaceus</i>	-	EF376068	-
AF3601	GUF_Itoupe	<i>T. coriaceus</i>	OP572192	OP572192	-
QCAZ19305	ECU_Orellana	<i>T. cunauaru</i>	KY013395	-	BOLD:A CA4687
QCAZ20808	ECU_Orellana	<i>T. cunauaru</i>	KY013398	-	-
CFBH_18110	BRA_Sao Paulo	<i>T. imitatrix</i>	-	MN961858	-
CFBH32193	BRA_Sao Paulo	<i>T. imitatrix</i>	MT990620	MT992210	BOLD:ACF7612
QCAZ21283	ECU_Orellana	<i>T. macrotis</i>	KY013400	JQ868531	-

QCAZ18198	ECU_Napo	<i>T. macrotis</i>	KY013397	-	BOLD:ADK1552
QCAZ32492	ECU_Morona Santiago	<i>T. macrotis</i>	KY013405	-	-
QCAZ38075	ECU_Pastaza	<i>T. macrotis</i>	KY013406	-	BOLD:ADK1552
QCAZ38774	ECU_Pastaza	<i>T. macrotis</i>	KY013407	-	BOLD:ADK1552
QCAZ39565	ECU_Pastaza	<i>T. macrotis</i>	KY013409	-	BOLD:ADK1552
QCAZ43017	ECU_Orellana	<i>T. macrotis</i>	KY013412	-	BOLD:ADK1552
QCAZ47319	ECU_Napo	<i>T. macrotis</i>	KY013414	-	BOLD:ADK1552
CFBH_5780	BRA_Rio de Janeiro	<i>T. mesophaeus</i>	-	AY843718	-
CFBHT09297	BRA_Bahia	<i>T. mesophaeus</i>	KU494807	KU495600	BOLD:ACA3812
CFBHT05858	BRA_Sao Paulo	<i>T. mesophaeus</i>	KU494808	KU495601	BOLD:ACA3812
CFBHT21623	BRA_Sao Paulo	<i>T. mesophaeus</i>	MT990609	MT992209	-
CFBH	BRA_Espirito Santo	<i>T. nigromaculatus</i>	-	AY843772	-
CFBH30742	BRA_Espirito Santo	<i>T. nigromaculatus</i>	MT990576	-	-
CFBH_22901	BRA_Espirito Santo	<i>T. nigromaculatus</i>	MN953385	MN961862	BOLD:ACF9093
QCAZ21282	ECU_El Oro	<i>T. quadrangulum</i>	KY013399	JQ868530	BOLD:ADJ5861
QCAZ23472	ECU_Guayas	<i>T. quadrangulum</i>	KY013401	-	BOLD:ADJ5861
MTR_UFCX22P46	BRA_Mato Grosso	<i>T. resinifictrix</i>	KU494810	KU495603	BOLD:ACA4687
MTR_UFCX22P45	BRA_Mato Grosso	<i>T. resinifictrix</i>	KU494811	KU495604	BOLD:ACA4687
AMNH_A-131201	VEN_Amazonas	<i>T. resinifictrix</i>	MN953386	-	BOLD:ACA5927
MNKA_10326	BOL	<i>T. typhonius_A</i>	-	KF723124	-
SMF_94183	BOL	<i>T. typhonius_A</i>	-	KF723125	-
MNKA_10403	BOL	<i>T. typhonius_A</i>	-	KF723127	-
MAP_T1732	BRA	<i>T. typhonius</i>	MT583197	-	BOLD:ACA4687
CFBH38866	BRA_Sao Paulo	<i>T. typhonius</i>	-	MT992212	-
AJC_4063	COL_Casanare	<i>T. typhonius</i>	KP149201	KP149406	BOLD:ACZ3605
05-PARA-0005	CRI	<i>Phrynohyas venulosa</i>	ABTVC005-05	-	BOLD:AAK 2012
AMNH-A_141142	GUY	<i>T. typhonius</i>	KF001946	AY549362	BOLD:ACH6375
TNHC_62490	ECU	<i>T. quadrangulum</i>	-	AY326048	-
VUB_0987	Unknown* NA	<i>T. typhonius</i>	-	AY948746	-
PS013	VEN_Aragua	<i>T. venulosus</i>	-	JQ868532	-
AF0611	GUF	<i>T. typhonius</i>	-	KDQF01000168	-
AF1257	GUF	<i>T. typhonius</i>	-	KDQF01000472	-
AF1480	GUF	<i>T. typhonius</i>	-	KDQF01000554	-
AF1811	GUF	<i>T. typhonius</i>	-	KDQF01000688	-
AF1928	GUF	<i>T. resinifictrix</i>	-	KDQF01000752	-
AF2579	GUF	<i>T. resinifictrix</i>	-	KDQF01000998	-
AF3258	GUF	<i>T. typhonius</i>	-	KDQF01001332	-

BM338	BRA_PA	<i>T. cunauaru</i>	-	KDQF01001843	-
BPN3681	GUY	<i>T. typhonus</i>	-	KDQF01002084	-
DAN008	GUF	<i>T. typhonus</i>	-	KDQF01002393	-
ESTR00080	BRA_MA	<i>T. cunauaru</i>	-	KDQF01002442	-
MPEG36707	BRA_PA	<i>T. cunauaru</i>	-	KDQF01002985	-
MTR18781	BRA_AM	<i>T. cunauaru</i>	-	KDQF01003394	-
MTR18821	BRA_AM	<i>T. cunauaru</i>	-	KDQF01003400	-
MTR20409	BRA_RR	<i>T. typhonus</i>	-	KDQF01003453	-
MTR20940	BRA_RR	<i>T. typhonus</i>	-	KDQF01003535	-
MTR33501	BRA_AM	<i>T. cunauaru</i>	-	KDQF01003688	-
MTR33858	BRA_PA	<i>T. cunauaru</i>	-	KDQF01003732	-
QM160	GUF	<i>T. typhonus</i>	-	KDQF01004075	-
SMS937	BRA_RR	<i>T. typhonus</i>	-	KDQF01004284	-

REFERENCE

Roelants, K., Gower, D.J., Wilkinson, M., Loader, S.P., Biju, S.D., Guillaume, K., Moriau, L. & Bossuyt, F. (2007). Global patterns of diversification in the history of modern amphibians. *Proceedings of the National Academy of Sciences USA* 104(3), 887-892, <https://doi.org/10.1073/pnas.0608378104> (2007).