

Supplementary Material

Phylogenetic analysis of colombian populations of the genus *Tamandua* (Pilosa: Myrmecophagidae)

Análisis filogenético de las poblaciones colombianas del género *Tamandua* (Pilosa: Myrmecophagidae)

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Annex 1. Results for each sample from DNA extraction process and PCR assays for 16S rRNA markers, COI and HVI.

PCR assay results for DNA extracts						
Sample code	CBUCES Collection Code	Department	DNA extraction result	PCR assay result		
				16S rRNA	IOC	HVI
TS001	CBUCESL1004	Antioquia	Positive	Positive	Positive	Positive
TS003	CBUCESL1006	Antioquia	Positive	Positive	Positive	Positive
TS004	CBUCESL1007	Antioquia	Positive	Positive	Positive	Positive
TS005	CBUCESL1008	Chocó	Positive	Positive	Positive	Positive
TS008	CBUCESL1011	Antioquia	Positive	Positive	Positive	Positive
TS009	CBUCESL1012	Tolima	Positive	Positive	Positive	Positive
TS012	CBUCESL1015	Tolima	Positive	Positive	Positive	Positive
TS011-2	CBUCESL1014	Antioquia	Positive	Positive	Positive	Positive
TS013	CBUCESL1016	Antioquia	Positive	Positive	Positive	Positive
TS014	CBUCESL1017	Antioquia	Positive	Positive	Positive	Positive
TS015	CBUCESL1018	Huila	Positive	Positive	Positive	Positive
TS016	CBUCESL1019	Antioquia	Positive	Positive	Positive	Positive
TS017	CBUCESL1020	Antioquia	Positive	Positive	Positive	Positive
TS018	CBUCESL1021	Atlantic	Positive	Positive	Positive	Positive
HGJ008	CBUCESHGJ008	Santander	Not applicable	Positive	Positive	Positive
HGJ009	CBUCESHGJ009	Santander	Not applicable	Positive	Positive	Positive
MGJ034	CBUCESMGJ034	Tolima	Not applicable	Positive	Positive	Positive
MGJ035	CBUCESMGJ035	Atlantic	Not applicable	Positive	Positive	Positive
N01	CBUCESL1024	Cauca	Positive	Positive	Positive	Positive
N02	CBUCESL1022	Goal	Positive	Positive	Positive	Positive
N03	CBUCESL1023	Goal	Positive	Positive	Positive	Positive
TS002	CBUCESL1005	Tolima	Positive	Negative	Negative	Negative
TS010	CBUCESL1013	Quindío	Positive	Negative	Negative	Positive
HGJ004	CBUCESHGJ004	Santander	Not applicable	Negative	Negative	Negative

Samples HGJ008, HGJ009, MGJ034 and MGJ035 were not subjected to DNA extraction in this study, since this process had already been performed previously. Therefore, the item "DNA extraction result" appears as "not applicable".