

Table S3. Animal photographs, associated details and dewlap measurements used in this study. Dim1 and Dim 2 are variables obtained from the Multiple Correspondence Analysis. Refer to the Methods section for more details.

Color ID	Photo ID	Locality	Sex	Pattern	Major color	Minor color	Dim 1	Dim 2
TCF3	chi_h3	Chicaque	Female	Striped	Yellow	Brown	0.0479	-1.1100
TCF4	chi_h4	Chicaque	Female	Striped	Yellow	Brown	0.0479	-1.1100
TCF5	chi_h5	Chicaque	Female	Spotted	Brown	Blue	2.5316	0.5901
TCF6	chi_h6	Chicaque	Female	Striped	Orange	Black	-0.2993	-0.8888
TCF7	chi_h7	Chicaque	Female	Striped	Yellow	Black	-0.1572	-1.1718
TCM1	chi_m1	Chicaque	Male	Solid	Brown	Brown	0.5546	-0.1112
TCM2	chi_m2	Chicaque	Male	Solid	Brown	Brown	0.5546	-0.1112
TCM3	chi_m3	Chicaque	Male	Striped	Yellow	Brown	0.0479	-1.1100
TCM4	chi_m4	Chicaque	Male	Spotted	Brown	Blue	2.5316	0.5901
TCM5	chi_m5	Chicaque	Male	Spotted	Brown	Blue	2.5316	0.5901
ICM1	Anolis_inderenaes_El_Calvario_4	Calvario	Male	Striped	White	Orange	-0.3171	-0.5307
TCM6	chi_m6	Chicaque	Male	Spotted	Brown	Blue	2.5316	0.5901
PCoM2	con_m1	Conejera	Male	Solid	Purple	Purple	-0.1840	1.4505
PGM1	gua_m1	Guasca	Male	Spotted	Blue	Purple	1.4492	1.0710
HCF1	Hembra(Cogua)	Cogua	Female	Solid	White	White	-0.3311	0.0204
HSF1	Hembra(Suesca)	Suesca	Female	Solid	Yellow	Yellow	-0.4507	-0.4494
HMM1	mach_m1	Macheta	Male	Solid	White	White	-0.3311	0.0204
PMM1	mat_m1	Matarredonda	Male	Solid	Red	Red	-1.1545	1.9489
PMM2	mat_m2	Matarredonda	Male	Solid	Purple	Purple	-0.1840	1.4505
PMM3	mat_m3	Matarredonda	Male	Solid	Pink	Pink	-0.7842	0.1078
PMM4	mat_m4	Matarredonda	Male	Solid	Red	Red	-1.1545	1.9489
PMM5	mat_m5	Matarredonda	Male	Solid	Purple	Purple	-0.1840	1.4505
PMM6	mat_m6	Matarredonda	Male	Solid	Red	Red	-1.1545	1.9489
HTM1	Mx(Tabio)	Tabio	Male	Solid	White	White	-0.3311	0.0204
HTM2	Pequeño(Tabio)	Tabio	Male	Solid	Pink	Pink	-0.7842	0.1078
QMM1	ant_m1	Medellin	Male	Solid	Orange	Orange	-0.6623	0.0119
HPM1	RAM484F_PARDO-3367_paiM1	Paipa	Male	Striped	Pink	Black	-0.3480	-0.8735
HTF1	tab_h1	Tabio	Female	Striped	Yellow	Black	-0.1572	-1.1718
HTF2	tab_h2	Tabio	Female	Solid	Yellow	Yellow	-0.4507	-0.4494
HTM3	tab_m1	Tabio	Male	Solid	Yellow	Yellow	-0.4507	-0.4494
HTM4	tab_m2	Tabio	Male	Solid	Pink	Pink	-0.7842	0.1078

HTM5	tab_m3	Tabio	Male	Solid	Yellow	Yellow	-0.4507	-0.4494
HTM6	tab_m4	Tabio	Male	Solid	Pink	Pink	-0.7842	0.1078
HTM7	tab_m5	Tabio	Male	Striped	Pink	Black	-0.3480	-0.8735
HTM8	tab_m6	Tabio	Male	Solid	Yellow	Yellow	-0.4507	-0.4494
HTM9	tab_m7	Tabio	Male	Solid	White	White	-0.3311	0.0204
HTM10	tab_m8	Tabio	Male	Solid	Pink	Pink	-0.7842	0.1078
HTM11	tab_m9	Tabio	Male	Solid	White	White	-0.3311	0.0204
IGF1	_DSC1069_GFM	Gutierrez	Female	Striped	White	Brown	0.0520	-0.8307
IGF2	100_0039	Gutierrez	Female	Striped	Brown	White	0.5691	-0.3378
PCoF1	100_0240	Conejera	Female	Solid	Purple	Purple	-0.1840	1.4505
TSaF1	296-	Sasaima	Female	Striped	Orange	Brown	-0.0943	-0.8270
QDF1	A_heterodermus_Dapa_2019_DSC08642	Dapa	Female	Solid	Yellow	Yellow	-0.4507	-0.4494
PCaM1	Calera(Bogota)	Calera	Male	Solid	Black	Black	-0.1485	-0.4659
VEF1	Anolis_vanzolinii_female_copy	Ecuador	Female	Solid	Orange	Orange	-0.6623	0.0119
VEM1	Anolis_vanzolinii_male_copy	Ecuador	Male	Solid	Orange	Orange	-0.6623	0.0119
QChF1	DSC_1038	Chachagui	Female	Solid	Green	Green	0.6250	1.0870
PPM1	DSCN0581	Pasca	Male	Solid	Black	Black	-0.1485	-0.4659
PCoF2	DSCN0763	Conejera	Female	Solid	Lightblue	Lightblue	0.2954	-0.0468
PMF1	H1	Matarredonda	Female	Solid	Red	Red	-1.1545	1.9489
QCF1	Hembra_copy	Cali	Female	Spotted	Green	Lightblue	1.8229	0.8245
ICF1	IMG-20180125-WA0055	Calvario	Female	Striped	Blue	Brown	0.5718	-0.6288
QTM1	M1-Gula	Tenerife	Male	Solid	Orange	Orange	-0.6623	0.0119
TSuM1	Macho_(gula)-supataJV	Supata	Male	Striped	Black	Blue	1.1104	-0.4333
IGM1	Macho1	Gutierrez	Male	Striped	White	Lightblue	0.2886	-0.4494
TSaM1	Sasaima_MCC-2_302m	Sasaima	Male	Striped	Lightblue	Brown	0.2577	-0.9670
TSaM1	Sasaima_MCC-4_302m	Sasaima	Male	Striped	Yellow	Brown	0.0479	-1.1100
TSaM2	Sasaima_MCC-4	Sasaima	Male	Solid	Brown	Brown	0.5546	-0.1112
QCaM1	z-M1_107818667_279217029971872_35314041617328787_n	Cajamarca	Male	Solid	Orange	Orange	-0.6623	0.0119
HPF1	zHA1-F_PARDO-1745RAM486	Paipa	Female	Solid	Orange	Orange	-0.6623	0.0119
TCF1	chi_h1	Chicaque	Female	Solid	Brown	Brown	0.5546	-0.1112
TCF2	chi_h2	Chicaque	Female	Striped	Yellow	Brown	0.0479	-1.1100