

Table 4. Specimens used in this study

No.	Genus	Species	Origin	Museum voucher	Lab tissue no.	Genbank accession no.				Data set		
						12S	16S	Ragl	Tyr	280 sp.	146 sp.	65 sp.
1	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>portoricensis</i>	This study	USNM326885	101784	EF493720	EF493548			x		
2	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>wightmanae</i>	This study	USNM326905	172080	EF493721	EF493549			x		
3	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>coqui</i>	This study	USNM305421	172037	EF493722	EF493550			x		
4	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>schwartzi</i>	This study	No voucher	266012	EF493723	EF493551			x		
5	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>gryllus</i>	This study	USNM269304	101684	EF493724	EF493552			x		
6	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>sp. 1</i>	This study	UPRRP6361	267815	EF493538	EF493365			x		
7	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>cochranae</i>	This study	USNM326775	172062	EF493725	EF493555			x		
8	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>hedricki</i>	This study	USNM564995	191587	EF493726	EF493553			x		
9	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>brittoni</i>	This study	USNM326765	172078	EF493727	EF493554			x		
10	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>antillensis</i>	This study	USNM326747	172065	EF493728	EF493556			x		
11	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>eneidae</i>	This study	USNM326857	101754	EF493729	EF493557			x		
12	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>locustus</i>	This study	USNM326861	172085	EF493730	EF493558			x		
13	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>cooki</i>	This study	USNM326784	160048	EF493539	EF493413	EF493455		x	x	x
14	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>flavescens</i>	This study	USNM331662	102358	EF493731	EF493559			x		
15	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>martinicensis</i>	This study	USNM565001	102092	EF493343	EF493419	EF493456		x	x	x
16	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>amplinypha</i>	This study	USNM564978	194183	EF493732	EF493560			x		

No.	Genus	Species	Origin	Museum voucher	Lab tissue no.	Genbank accession no.				Data set		
						I2S	I6S	Ragl	Tyr	280 sp.	146 sp.	65 sp.
17	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>johnstonei</i>	This study	USNM336018	172650	EF493733	EF493561			x		
18	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>pinchoni</i>	This study	USNM565006	101896	EF493734	EF493562			x		
19	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>barlagnei</i>	This study	USNM564982	102110	EF493735	EF493563			x		
20	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>auriculatus</i>	This study	USNM564980	192808	EF493344	EF493417	EF493458		x	x	x
21	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>bartonsmithi</i>	This study	USNM309753	190019	EF493736	EF493576			x		
22	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>glamyus</i>	This study	USNM564987	190453	EF493737	EF493575			x		
23	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>mariposa</i>	This study	MNHNCu591	190919	EF493738	EF493573			x		
24	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>ronaldi</i>	This study	USNM309760	190023	EF493739	EF493574			x		
25	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>eileenae</i>	This study	No voucher	172823	EF493740	EF493577			x		
26	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>minutus</i>	This study	USNM331987	101305	EF493741	EF493578			x		
27	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>poolei</i>	This study	USNM332236	160779	EF493742	EF493579			x		
28	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>haitianus</i>	This study	No voucher	103103	EF493743	EF493583			x		
29	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>abbotti</i>	This study	USNM564974	267594	EF493540	EF493412	EF493457		x	x	x
30	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>audanti</i>	This study	USNM331514	161405	EF493744	EF493584			x		
31	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>sp. 2</i>	This study	USNM337773	161469	EF493745	EF493580			x		
32	<i>Eleutherodactylus</i> (<i>Eleutherodactylus</i>)	<i>parabates</i>	This study	USNM332136	161393	EF493746	EF493581			x		
33	<i>Eleutherodactylus</i>	<i>pitiunus</i>	This study	USNM332229	161658	EF493747	EF493582			x		

No.	Genus	Species	Origin	Museum voucher	Lab tissue no.	Genbank accession no.				Data set			
						12S	16S	Ragl	Tyr	280 sp.	146 sp.	65 sp.	
	<i>(Eleutherodactylus)</i>												
34	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>ionthus</i>	This study	USNM309757	190915	EF493748	EF493564			x			
35	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>guantanamera</i>	This study	MNHNCu590	191061	EF493749	EF493565			x			
36	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>varians</i>	This study	USNM309763	172526	EF493750	EF493566			x			
37	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>leberi</i>	This study	USNM309758	190598	EF493342	EF493403	EF493459		x	x	x	
38	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>melacara</i>	This study	USNM309733	190442	EF493751	EF493567			x			
39	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>lamprotes</i>	This study	USNM564997	192242	EF493379		EF493460		x	x	x	
40	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>fowleri</i>	This study	USNM269266	160239	EF493752	EF493568			x			
41	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>wetmorei</i>	This study	USNM332369	104639	EF493753	EF493569			x			
42	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>auriculatoides</i>	This study	USNM331627	161584	EF493754	EF493572			x			
43	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>patriciae</i>	This study	No voucher	161628	EF493755	EF493570			x			
44	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>montanus</i>	This study	USNM332069	161648	EF493756	EF493571			x			
45	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>richmondi</i>	This study	USNM326894	172042	EF493541		EF493461		x	x	x	
46	<i>Eleutherodactylus (Eleutherodactylus)</i>	<i>unicolor</i>	This study	USNM326897	160038	EF493542	EF493398	EF493462		x	x	x	
47	<i>Eleutherodactylus (Pelorius)</i>	<i>hypostenor</i>	This study	USNM257731	101336	EF493757	EF493585			x			
48	<i>Eleutherodactylus (Pelorius)</i>	<i>parapelates</i>	This study	USNM257726	104622	EF493758	EF493587			x			
49	<i>Eleutherodactylus (Pelorius)</i>	<i>ruthae</i>	This study	USNM257752	160686	EF493759	EF493586			x			

No.	Genus	Species	Origin	Museum voucher	Lab tissue no.	Genbank accession no.				Data set		
						I2S	I6S	Ragl	Tyr	280 sp.	146 sp.	65 sp.
50	<i>Eleutherodactylus (Pelorius)</i>	<i>nortoni</i>	This study	USNM257744	160630	EF493760	EF493588			x		
51	<i>Eleutherodactylus (Pelorius)</i>	<i>chlorophenax</i>	This study	USNM257730	160673	EF493543	EF493589			x		
52	<i>Eleutherodactylus (Pelorius)</i>	<i>inoptatus</i>	This study	USNM331931	101237	EF493380	EF493405	EF493463		x	x	x
53	<i>Eleutherodactylus</i>	<i>counouspeus</i>	This study	USNM329989	103848	EF493719				x	x	
54	<i>Eleutherodactylus (Eulhyas)</i>	<i>cundalli</i>	This study	USNM266364	103511	EF493761	EF493612			x		
55	<i>Eleutherodactylus (Eulhyas)</i>	<i>glaucoreius</i>	This study	USNM305366	103568	EF493762	EF493613			x		
56	<i>Eleutherodactylus (Eulhyas)</i>	<i>cavernicola</i>	This study	USNM266357	103261	EF493763	EF493614			x		
57	<i>Eleutherodactylus (Eulhyas)</i>	<i>gossei</i>	This study	USNM327419	103312	EF493716	EF493410	EF493466		x	x	x
58	<i>Eleutherodactylus (Eulhyas)</i>	<i>junori</i>	This study	USNM269239	161028	EF493764	EF493617			x		
59	<i>Eleutherodactylus (Eulhyas)</i>	<i>griphus</i>	This study	USNM564992	103185	EF493381	EF493415	EF493465		x	x	x
60	<i>Eleutherodactylus (Eulhyas)</i>	<i>pentasyringos</i>	This study	USNM266455	103477	EF493765	EF493615			x		
61	<i>Eleutherodactylus (Eulhyas)</i>	<i>pantoni</i>	This study	USNM327822	103514	EF493766	EF493616			x		
62	<i>Eleutherodactylus (Eulhyas)</i>	<i>orcutti</i>	This study	USNM327808	103499	EF493767	EF493619			x		
63	<i>Eleutherodactylus (Eulhyas)</i>	<i>alticola</i>	This study	USNM266340	103583	EF493768	EF493620			x		
64	<i>Eleutherodactylus (Eulhyas)</i>	<i>fuscus</i>	This study	USNM266380	103205	EF493769	EF493618			x		
65	<i>Eleutherodactylus (Eulhyas)</i>	<i>jamaicensis</i>	This study	USNM327594	161119	EF493770	EF493621			x		
66	<i>Eleutherodactylus (Eulhyas)</i>	<i>andrewsi</i>	This study This study	USNM327267 USNM327274	171593 103275	EF493544	EF493623			x		

No.	Genus	Species	Origin	Museum voucher	Lab tissue no.	Genbank accession no.				Data set		
						I2S	I6S	Ragl	Tyr	280 sp.	146 sp.	65 sp.
67	<i>Eleutherodactylus (Euhyas)</i>	<i>nubicola</i>	This study	USNM327777	103272	EF493771	EF493622			x		
68	<i>Eleutherodactylus (Euhyas)</i>	<i>grabhami</i>	This study	USNM327565	161260	EF493772	EF493624			x		
69	<i>Eleutherodactylus (Euhyas)</i>	<i>sisyphodemus</i>	This study	USNM266467	103219	EF493773	EF493625			x		
70	<i>Eleutherodactylus (Euhyas)</i>	<i>luteolus</i>	This study	USNM327744	101469	EF493545			EF493464	x	x	x
71	<i>Eleutherodactylus (Euhyas)</i>	<i>riparius</i>	1	n/a	n/a	Y10944				x	x	
72	<i>Eleutherodactylus (Euhyas)</i>	<i>rivularis</i>	This study	USNM565009	193690	EF493376	EF493626			x		
73	<i>Eleutherodactylus (Euhyas)</i>	<i>toa</i>	This study	USNM306544	191333	EF493774	EF493627			x		
74	<i>Eleutherodactylus (Euhyas)</i>	<i>cuneatus</i>	This study	USNM564985	191146	EF493775	EF493608			x		
75	<i>Eleutherodactylus (Euhyas)</i>	<i>turquinensis</i>	This study	USNM348803	193530	EF493776	EF493609			x		
76	<i>Eleutherodactylus (Euhyas)</i>	<i>darlingtoni</i>	This study	USNM307236	104190	EF493777	EF493610			x		
77	<i>Eleutherodactylus (Euhyas)</i>	<i>leoncei</i>	This study	USNM564999	267599	EF493375	EF493715	EF493404	EF493468	x	x	x
78	<i>Eleutherodactylus (Euhyas)</i>	<i>alcoae</i>	This study	USNM564977	194867	EF493382			EF493406	x	x	x
79	<i>Eleutherodactylus (Euhyas)</i>	<i>armstrongi</i>	This study	USNM329962	160557	EF493778	EF493611			x		
80	<i>Eleutherodactylus (Euhyas)</i>	<i>rhodesi</i>	This study	USNM332259	267890	EF493779	EF493629			x		
81	<i>Eleutherodactylus (Euhyas)</i>	<i>weinlandi</i>	This study	USNM332332	160385	EF493780	EF493630			x		
82	<i>Eleutherodactylus (Euhyas)</i>	<i>grahami</i>	This study	USNM564990	192409	EF493781	EF493632			x		

83	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>pictissimus</i>	This study	USNM266310	101354	EF493782	EF493631			X		
84	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>lentus</i>	This study	USNM564998	266089	EF493717	EF493471	EF493418	EF493471	X	X	X
85	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>monensis</i>	This study	USNM565002	192871	EF493783	EF493633			X		
86	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>probolaeus</i>	This study	USNM322252	160303	EF493784	EF493634			X		
87	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>bresslerae</i>	This study	USNM564983	190021	EF493785	EF493635			X		
88	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>ricordii</i>	This study	USNM565008	190351	EF493786	EF493636			X		
89	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>acmonis</i>	This study	USNM564975	190024	EF493787	EF493637			X		
90	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>orientalis</i>	This study	USNM565003	190034	EF493373	EF493592			X		
91	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>etheridgei</i>	This study	USNM335715	161908	EF493794	EF493593			X		
92	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>limbatus</i>	This study	USNM565000	172513	EF493795	EF493590			X		
93	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>iberia</i>	This study	MNHNCu1001	266768	EF493374	EF493591			X		
94	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>cubanus</i>	This study	No voucher	193693	EF493796	EF493594			X		
95	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>casparii</i>	This study	USNM564984	172843	EF493788	EF493599			X		
96	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>planirostris</i>	This study	USNM565007	192884	EF493346	EF493396	EF493346	EF493470	X	X	X
97	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>guanahacabibes</i>	This study	USNM564993	192798	EF493789	EF493600			X		
98	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>tonyi</i>	This study	No voucher	193932	EF493790	EF493602			X		
99	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>rogersi</i>	This study	USNM565010	192891	EF493372	EF493603			X		

100	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>goini</i>	This study	USNM335725	172589	EF493791	EF493604				X	
101	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>thomasi</i>	This study	No voucher	266681	EF493370	EF493605				X	
102	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>blairhedgesi</i>	This study	No voucher	266679	EF493371	EF493606				X	
103	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>pinarensis</i>	This study	USNM565005	191490	EF493792	EF493607				X	
104	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>atkinsi</i>	This study	USNM335686	172520	EF493797	EF493598				X	
105	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>gundlachi</i>	This study	USNM564994	190260	EF493798	EF493597				X	
106	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>cf. varleyi</i>	This study	MNHNCu1002	266765	EF493345		EF493408	EF493467		X	X
107	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>intermedius</i>	This study	USNM564996	190245	EF493799	EF493595				X	
108	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>varleyi</i>	This study	USNM335732	172529	EF493800	EF493596				X	
109	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>pezopetrus</i>	This study	USNM565004	190536	EF493793	EF493601				X	
110	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>greyi</i>	This study	USNM564991	172799	EF493801	EF493628				X	
111	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>emiliae</i>	This study	No voucher	266680	EF493368	EF493638				X	
112	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>dimidiatus</i>	This study	USNM564986	190049	EF493802	EF493640				X	
113	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>maestrensis</i>	This study	MNHNCu1003	266593	EF493369	EF493639				X	
114	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>albipes</i>	This study	USNM564976	190449	EF493386		EF493409	EF493475		X	X
115	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>schmidti</i>	This study	USNM332313	161668	EF493803	EF493641				X	
116	<i>Eleutherodactylus</i> (<i>Euhyas</i>)	<i>eunaster</i>	This study	No voucher	267897	EF493804	EF493646				X	

117	<i>Eleutherodactylus (Euhyas)</i>	<i>caribe</i>	This study	USNM314179	191962	EF493385	EF493411	EF493472	x	x	x
118	<i>Eleutherodactylus (Euhyas)</i>	<i>corona</i>	This study	KU218431	192197	EF493807	EF493645		x		
119	<i>Eleutherodactylus (Euhyas)</i>	<i>heminota</i>	This study	USNM331829	267899	EF493806	EF493649		x		
120	<i>Eleutherodactylus (Euhyas)</i>	<i>amadeus</i>	This study	USNM329866	267898	EF493805	EF493644		x		
121	<i>Eleutherodactylus (Euhyas)</i>	<i>bakeri</i>	This study	USNM564981	104652	EF493808	EF493647		x		
122	<i>Eleutherodactylus (Euhyas)</i>	<i>glaphycompus</i>	This study	USNM292259	103958	EF493383			x	x	
123	<i>Eleutherodactylus (Euhyas)</i>	<i>dolomedes</i>	This study	KU218434	192109	EF493809	EF493648		x		
124	<i>Eleutherodactylus (Euhyas)</i>	<i>glanduliferoides</i>	This study	USNM564989	160571	EF493546	EF493364		x		
125	<i>Eleutherodactylus (Euhyas)</i>	<i>thorectes</i>	This study	USNM565011	192230	EF493384	EF493416	EF493473	x	x	x
126	<i>Eleutherodactylus (Euhyas)</i>	<i>jugans</i>	This study	USNM331952	267901	EF493810	EF493652		x		
127	<i>Eleutherodactylus (Euhyas)</i>	<i>apostates</i>	This study	USNM564979	192240	EF493811	EF493650		x		
128	<i>Eleutherodactylus (Euhyas)</i>	<i>oxyrhynchus</i>	This study	USNM332073	267902	EF493812	EF493651		x		
129	<i>Eleutherodactylus (Euhyas)</i>	<i>ruffemorialis</i>	This study	No voucher	160226	EF493813	EF493653		x		
130	<i>Eleutherodactylus (Euhyas)</i>	<i>furcyensis</i>	This study	USNM331673	267903	EF493814	EF493654		x		
131	<i>Eleutherodactylus (Euhyas)</i>	<i>paulsoni</i>	This study	USNM310833	191998	EF493815	EF493659		x		
132	<i>Eleutherodactylus (Euhyas)</i>	<i>glandulifer</i>	This study	USNM564988	192074	EF493816	EF493655		x		
133	<i>Eleutherodactylus (Euhyas)</i>	<i>sciagraphus</i>	This study	USNM332316	103943	EF493817	EF493656		x		
134	<i>Eleutherodactylus (Euhyas)</i>	<i>ventrilineatus</i>	This study	USNM332320	267904	EF493818	EF493658		x		
135	<i>Eleutherodactylus (Euhyas)</i>	<i>brevirostris</i>	This study	USNM329968	267905	EF493819	EF493657		x		
136	<i>Eleutherodactylus (Euhyas)</i>	<i>zugi</i>	This study	USNM335744	172578	EF493347	EF493401	EF493474	x	x	x
137	<i>Eleutherodactylus (Euhyas)</i>	<i>klinikowskii</i>	This study	MNHNCu1004	266592	EF493547	EF493363		x		
138	<i>Eleutherodactylus (Syrrophus)</i>	<i>marnockii</i>	This study 2	No voucher n/a	194156 n/a	EF493820 DQ283102	EF493642 DQ283101	EF493399	EF493476	x	x
139	<i>Eleutherodactylus (Syrrophus)</i>	<i>symingtoni</i>	This study	No voucher	172583	EF493821	EF493643		x		
140	<i>Eleutherodactylus (Syrrophus)</i>	<i>zeus</i>	This study	USNM335740	172582	EF493718	EF493402	EF493477	EF493477	x	x
141	<i>Barycholos</i>	<i>ternetzi</i>	2	n/a	n/a	DQ283094		DQ284144	x	x	x
142	" <i>Eleutherodactylus</i> "	<i>binotatus</i>	This study 2	USNM303077 n/a	267339 n/a	EF493361	EF493397	DQ282918	x	x	x
143	<i>Craugastor</i>	<i>rhodopis</i>	2	n/a	n/a	DQ283317			x	x	
144	<i>Craugastor</i>	<i>mexicanus</i>	3	n/a	n/a	AY326006			x	x	
145	<i>Craugastor</i>	<i>podiciferus</i>	This study	MVZ12020	266082	EF493360	EF493450	EF493481	x	x	x
146	<i>Craugastor</i>	<i>bransfordii</i>	This study	AMNH- A124398	267852	EF493822	EF493661		x		
147	<i>Craugastor</i>	<i>longirostris</i>	This study	KU177803	267853	EF493395	EF493454	EF493482	x	x	x

148	<i>Craugastor</i>	<i>fitzingeri</i>	3	n/a	n/a	n/a	AY326001			X	X	X
149	<i>Craugastor</i>	<i>sandersoni</i>	This study	UTA-A49803	267854	267854	EF493712			X	X	X
150	<i>Craugastor</i>	<i>punctariolus</i>	2	n/a	n/a	n/a	DQ283168			X	X	X
151	<i>Craugastor</i>	<i>pygmaeus</i>	This study	UTA-A55241	267855	267855	EF493711	EF493451	EF493479	X	X	X
152	<i>Craugastor</i>	<i>montanus</i>	This study	UTA-A51105	267888	267888	EF493530	EF493453	EF493478	X	X	X
153	<i>Craugastor</i>	<i>augusti</i>	2	n/a	n/a	n/a	DQ283271			X	X	X
154	<i>Craugastor</i>	<i>bocourti</i>	This study	UTA-A55235	267856	267856	EF493713			X	X	X
155	<i>Craugastor</i>	<i>alfredi</i>	2	n/a	n/a	n/a	DQ283318			X	X	X
156	<i>Craugastor</i>	<i>daryi</i>	This study	UTA-A57940	267858	267858	EF493531	EF493452	EF493480	X	X	X
157	<i>Brachycephalus</i>	<i>ephippium</i>	3, 2	n/a n/a	n/a n/a	n/a n/a	AY326008 DQ283091		DQ282917	X	X	X
158	" <i>Phrynopus</i> "	<i>peraccai</i>	This study	KU178266	267859	267859	EF493710	EF493420	EF493485	X	X	X
159	" <i>Phrynopus</i> "	<i>brunneus</i>	This study	KU178258	267860	267860	EF493357	EF493422	EF493484	X	X	X
160	" <i>Eleutherodactylus</i> "	<i>elassodiscus</i>	This study	KU177282	267861	267861	EF493358			X	X	X
161	" <i>Eleutherodactylus</i> "	<i>dolops</i>	This study	No voucher	267862	267862	EF493394	EF493414	EF493483	X	X	X
162	<i>Pristimantis</i>	<i>walkeri</i>	This study	KU218116	267231	267231	EF493518	EF493428	EF493490	X	X	X
163	<i>Pristimantis</i>	<i>luteolateralis</i>	This study	KU177807	267863	267863	EF493517			X	X	X
164	<i>Pristimantis</i>	<i>parvillus</i>	This study	KU177821	267864	267864	EF493351			X	X	X
165	<i>Pristimantis</i>	<i>chalceus</i>	This study	KU177638	267865	267865	EF493675			X	X	X
166	<i>Pristimantis</i>	<i>ockendeni</i>	This study	KU222023	267253	267253	EF493519	EF493434	EF493496	X	X	X
167	<i>Pristimantis</i>	<i>unistrigatus</i>	This study	KU218057	267227	267227	EF493387	EF493444	EF493505	X	X	X
168	<i>Pristimantis</i>	<i>cajamarcensis</i>	This study	KU217845	267211	267211	EF493823 EF493663			X	X	X
169	<i>Pristimantis</i>	<i>ceuthospilus</i>	This study	KU 212216	267198	267198	EF493520			X	X	X
170	<i>Pristimantis</i>	<i>lirellus</i>	This study	KU212226	267200	267200	EF493521			X	X	X
171	<i>Pristimantis</i>	<i>imitatrix</i>	This study	KU215476	267205	267205	EF493824 EF493667			X	X	X
172	<i>Pristimantis</i>	<i>croceinguinis</i>	This study	KU217862	267213	267213	EF493669 EF493665			X	X	X
173	<i>Pristimantis</i>	<i>altamazonicus</i>	This study	KU215460	267204	267204	EF493670	EF493441		X	X	X
174	<i>Pristimantis</i>	<i>orestes</i>	This study	KU218257	267249	267249	EF493388			X	X	X
175	<i>Pristimantis</i>	<i>simonbolivari</i>	This study	KU218254	267248	267248	EF493671			X	X	X
176	<i>Pristimantis</i>	<i>riveti</i>	This study	KU218035	267224	267224	EF493348			X	X	X
177	<i>Pristimantis</i>	<i>versicolor</i>	This study	KU218096	267228	267228	EF493389	EF493431	EF493493	X	X	X
178	<i>Pristimantis</i>	<i>phoxocephalus</i>	This study	KU218025	267222	267222	EF493349			X	X	X
179	<i>Pristimantis</i>	<i>spinosus</i>	This study	KU218052	267225	267225	EF493673			X	X	X
180	<i>Pristimantis</i>	<i>cryophilus</i>	This study	KU217863	267214	267214	EF493672			X	X	X
181	<i>Pristimantis</i>	<i>rhodoplichus</i>	This study	KU219788	267250	267250	EF493674			X	X	X
182	<i>Pristimantis</i>	<i>wiensi</i>	This study	KU219796	267251	267251	EF493377 EF493668			X	X	X

183	<i>Pristimantis</i>	<i>petrobarbus</i>	This study	KU212293	267202	EF493825	EF493367			X	
184	<i>Pristimantis</i>	<i>melanogaster</i>	This study	MHNSM- WED56846	267438	EF493826	EF493664			X	
185	<i>Pristimantis</i>	<i>simonsii</i>	4	n/a	n/a	AM039709	AM039641			X	
186	<i>Pristimantis</i>	<i>appendiculatus</i>	This study	KU177637	267866	EF493524				X	X
187	<i>Pristimantis</i>	<i>pyncodermis</i>	This study	KU218028	267223	EF493680				X	X
188	<i>Pristimantis</i>	<i>dissimulatus</i>	This study	KU179090	267867	EF493522				X	X
189	<i>Pristimantis</i>	<i>calcarulatus</i>	This study	KU177658	267868	EF493523				X	X
190	<i>Pristimantis</i>	<i>orcei</i>	This study	KU218021	267221	EF493679				X	X
191	<i>Pristimantis</i>	<i>glandulosus</i>	This study	KU218002	267217	EF493676				X	X
192	<i>Pristimantis</i>	<i>inuitatus</i>	This study	KU218015	267218	EF493677				X	X
193	<i>Pristimantis</i>	<i>acerus</i>	This study	KU217786	267207	EF493678				X	X
194	<i>Pristimantis</i>	<i>schultei</i>	This study	KU212220	267199	EF493681				X	X
195	<i>Pristimantis</i>	<i>bromeliaceus</i>	This study	KU291702	171051	EF493351				X	X
196	<i>Pristimantis</i>	<i>subsigillatus</i>	This study	KU218147	267246	EF493525				X	X
197	<i>Pristimantis</i>	<i>nyctophylax</i>	This study	KU177812	267869	EF493526	EF493425	EF493487		X	X
198	<i>Pristimantis</i>	<i>shrevei</i>	This study	No voucher	266036	EF493692				X	X
199	<i>Pristimantis</i>	<i>euphronides</i>	This study	BWMC6918	266624	EF493527	EF493427	EF493489		X	X
200	<i>Pristimantis</i>	<i>rozei</i>	This study	No voucher	102308	EF493691	EF493429	EF493491		X	X
201	<i>Pristimantis</i>	<i>gentryi</i>	This study	KU218109	267230	EF493511				X	X
202	<i>Pristimantis</i>	<i>truebae</i>	This study	KU218013	267229	EF493512				X	X
203	<i>Pristimantis</i>	<i>curtipes</i>	This study	KU217871	267215	EF493513	EF493435	EF493497		X	X
204	<i>Pristimantis</i>	<i>vertebralis</i>	This study	KU177972	267870	EF493689				X	X
205	<i>Pristimantis</i>	<i>bucklei</i>	This study	KU217836	267210	EF493350				X	X
206	<i>Pristimantis</i>	<i>devillei</i>	This study	KU217991	267216	EF493688				X	X
207	<i>Pristimantis</i>	<i>surdus</i>	This study	KU177847	267871	EF493687				X	
208	<i>Pristimantis</i>	<i>quinquagesimus</i>	This study	KU179374	267872	EF493690				X	X
209	<i>Pristimantis</i>	<i>duellmani</i>	3, This study	n/a KU217998	n/a 267444	AY326003	EF493438	EF493500		X	X
210	<i>Pristimantis</i>	<i>thymalopsoides</i>	This study	KU177861	267873	EF493514				X	X
211	<i>Pristimantis</i>	<i>ocreatus</i>	This study	KU208508	267439	EF493682				X	X
212	<i>Pristimantis</i>	<i>pyrrhomerus</i>	This study	KU218030	267441	EF493683				X	X
213	<i>Pristimantis</i>	<i>festae</i>	This study	KU218234	267247	EF493515				X	X
214	<i>Pristimantis</i>	<i>leoni</i>	This study	KU218227	267437	EF493684	EF493433	EF493495		X	X
215	<i>Pristimantis</i>	<i>verecundus</i>	This study	QCAZ12410	267646	EF493686				X	X

216	<i>Pristimantis</i>	<i>celator</i>	This study	KU177684	267874	EF493685			X	X	X
217	<i>Pristimantis</i>	<i>chloronotus</i>	3	n/a	n/a	AY326007			X	X	X
218	<i>Pristimantis</i>	<i>thymelensis</i>	This study	QCAZ16428	267644	EF493516	EF493442	EF493503	X	X	X
219	<i>Pristimantis</i>	<i>supernatis</i>	3	n/a	n/a	AY326005			X	X	X
220	<i>Pristimantis</i>	<i>sp. 1</i>	3	n/a	n/a	AY326002			X	X	X
221	<i>Pristimantis</i>	<i>urichi</i>	This study	USNM336098	101646	EF493699	EF493426	EF493488	X	X	X
222	<i>Pristimantis</i>	<i>latidiscus</i>	This study	KU218016	267219	EF493698			X	X	X
223	<i>Pristimantis</i>	<i>colomai</i>	This study	QCAZ17101	267635	EF493354	EF493440	EF493502	X	X	X
224	<i>Pristimantis</i>	<i>cruentus</i>	This study	AMNH- A12444-448	267876	EF493697			X	X	X
225	<i>Pristimantis</i>	<i>ridens</i>	This study	AMNH- A124551	267877	EF493355			X	X	X
226	<i>Pristimantis</i>	<i>cremnobates</i>	This study	KU177252	267878	EF493528	EF493424	EF493486	X	X	X
227	<i>Pristimantis</i>	<i>w-nigrum</i>	3	n/a	n/a	AY326004			X	X	X
228	<i>Pristimantis</i>	<i>acties</i>	This study	KU217830	267209	EF493696	EF493432	EF493494	X	X	X
229	<i>Pristimantis</i>	<i>lanthanites</i>	This study	KU222001	267252	EF493695			X	X	X
230	<i>Pristimantis</i>	<i>crenunguis</i>	This study	KU177730	267879	EF493693 EF493666			X	X	X
231	<i>Pristimantis</i>	<i>labiosus</i>	This study	QCAZ19771	267640	EF493694			X	X	X
232	<i>Pristimantis</i>	<i>sp. 2</i>	This study	MHNSM- LR4341	266049	EF493356			X	X	X
233	<i>Pristimantis</i>	<i>conspicillatus</i>	This study	QCAZ28448	267636	EF493529	EF493437	EF493499	X	X	X
234	<i>Pristimantis</i>	<i>condor</i>	This study	KU217857	267212	EF493701	EF493443	EF493504	X	X	X
235	<i>Pristimantis</i>	<i>citriogaster</i>	This study	KU212278	267201	EF493700			X	X	X
236	<i>Pristimantis</i>	<i>achatinus</i>	This study	KU217809	267208	EF493827 EF493660			X	X	X
237	<i>Pristimantis</i>	<i>lymani</i>	This study	KU218019	267220	EF493392			X	X	X
238	<i>Pristimantis</i>	<i>fenestratus</i>	This study	MHNSM9298	266046	EF493703			X	X	X
239	<i>Pristimantis</i>	<i>bipunctatus</i>	This study	KU291638	171021	EF493702	EF493430	EF493492	X	X	X
240	<i>Pristimantis</i>	<i>skydmainos</i>	This study	MHNSM10071	266052	EF493393			X	X	X
241	<i>Pristimantis</i>	<i>toftae</i>	This study	KU215493	267206	EF493353			X	X	X
242	<i>Pristimantis</i>	<i>rhabdolaemus</i>	This study	KU173492	267875	EF493706			X	X	X
243	<i>Pristimantis</i>	<i>pluvicanorus</i>	5	n/a	n/a	AY843586			X	X	X
244	<i>Pristimantis</i>	<i>sagittulus</i>	This study	KU291635	171098	EF493705	EF493439	EF493501	X	X	X
245	<i>Pristimantis</i>	<i>stictogaster</i>	This study	KU291659	171080	EF493704	EF493445	EF493506	X	X	X
246	<i>Pristimantis</i>	<i>aniptopalmatum</i>	This study	KU291627	171070	EF493390			X	X	X
247	<i>Pristimantis</i>	<i>peruvianus</i>	This study	MHNSM9267	266050	EF493707	EF493436	EF493498	X	X	X

248	<i>Pristimantis</i>	<i>caprifer</i>	This study	KU177680	267880	EF493391				X	X	X
249	<i>Oreobates</i>	<i>quixensis</i>	This study, 6	KU178249-250 n/a	267881 n/a	EF493828 AY819344	EF493662 AY819474			X	X	X
250	<i>Oreobates</i>	<i>sp.</i>	2	n/a	n/a	DQ283060	DQ283061			X		
251	<i>Phrynopus</i>	<i>parkeri</i>	4	n/a	n/a	AM039707	AM039639			X		
252	<i>Phrynopus</i>	<i>juninensis</i>	4	n/a	n/a	AM039725	AM039657			X		
253	<i>Phrynopus</i>	<i>kauneorum</i>	4	n/a	n/a	AM039718	AM039650			X		
254	<i>Phrynopus</i>	<i>tautzorum</i>	4	n/a	n/a	AM039720	AM039652			X		
255	<i>Phrynopus</i>	<i>barthlenae</i>	4	n/a	n/a	AM039717	AM039649			X		
256	<i>Phrynopus</i>	<i>horstpauli</i>	4	n/a	n/a	AM039715	AM039647			X		
257	<i>Phrynopus</i>	<i>pesantesi</i>	4	n/a	n/a	AM039724	AM039656			X		
258	<i>Phrynopus</i>	<i>bufoides</i>	4	n/a	n/a	AM039713	AM039645			X		
259	<i>Phrynopus</i>	<i>heimorum</i>	4	n/a	n/a	AM039703	AM039635			X		
260	<i>Phrynopus</i>	<i>bracki</i>	This study	USNM286919	171045	EF493709		EF493421	EF493507	X	X	X
261	<i>Phrynopus</i>	<i>sp. 1</i>	This study	KU291634	171082	EF493708				X	X	
262	<i>Phrynopus</i>	<i>cophites</i>	This study	KU173497	267882	EF493537		EF493423	EF493508	X	X	X
263	<i>Phrynopus</i>	<i>iatamasi</i>	4	n/a	n/a	AM039712	AM039644			X		
264	<i>Phrynopus</i>	<i>wettsteini</i>	4	n/a	n/a	AM039711	AM039643			X		
265	<i>Phrynopus</i>	<i>sp. 2</i>	4	n/a	n/a	AM039710	AM039642			X		
266	<i>Phrynopus</i>	<i>sp. 3</i>	5	n/a	n/a	AY843720				X		
267	<i>Phrynopus</i>	<i>peruvianus</i>	This study	KU173495	267889	EF493714				X	X	
268	<i>Phyllonastes</i>	<i>sp.</i>	4	n/a	n/a	AM039714	AM039646			X		
269	<i>Holoaden</i>	<i>bradei</i>	This study	USNM207945	267883	EF493378	EF493366	EF493449		X	X	
270	<i>Linnophys</i>	<i>anomalous</i>	This study	KU177627	267884	EF493534		EF493447		X	X	x/2
271	<i>Linnophys</i>	<i>bufoniformis</i>	2	n/a	n/a	DQ283165			DQ282942	X	X	x/2
272	<i>Linnophys</i>	<i>necerus</i>	This study	KU179076	267885	EF493535				X	X	
273	<i>Linnophys</i>	<i>sulcatus</i>	This study	KU218055	267226	EF493536				X	X	
274	<i>Ischnocnema</i>	<i>guentheri</i>	This study	No voucher	267345	EF493533		EF493407	EF493510	X	X	X
275	<i>Ischnocnema</i>	<i>hoehnei</i>	This study	No voucher	267886	EF493359				X		
276	<i>Ischnocnema</i>	<i>parva</i>	This study	No voucher	267328	EF493532		EF493400	EF493509	X	X	X
277	<i>Ischnocnema</i>	<i>juipoca</i>	2	n/a	n/a	DQ283093				X	X	
278	<i>Litoria</i>	<i>caerulea</i>	5, This study	n/a No voucher	n/a 267887	AY843692		EF493446	AY844131	X	X	X

279	<i>Agalychnis</i>	<i>callidryas</i>	2, D. Cannatella, personal communication	n/a n/a	n/a n/a	DQ283423	EF493362	DQ283018	x	x	x
280	<i>Rana</i>	<i>catesbeiana</i>	7, This study, 2	n/a No voucher n/a	n/a 266591 n/a	M57527 DQ283257	EF493448	DQ282959	x	x	x
n/a	<i>Bufo</i>	<i>melanostictus</i>	8	n/a	n/a	AY458592				x	
n/a	<i>Centrolene</i>	<i>prosoblepon</i>	5	n/a	n/a	AY843574				x	
n/a	<i>Ceratophrys</i>	<i>cornuta</i>	3	n/a	n/a	AY326014				x	
n/a	<i>Cryptobatrachus</i>	<i>sp.</i>	3	n/a	n/a	AY326050				x	
n/a	<i>Dendrobates</i>	<i>sylvaticus</i>	9	n/a	n/a	AY364569				x	
n/a	<i>Hyla</i>	<i>chinensis</i>	8	n/a	n/a	AY458593				x	
n/a	<i>Leptodactylus</i>	<i>pentadactylus</i>	3	n/a	n/a	AY326017				x	

For each specimen, source, GenBank accession no., data sets in which species appear, museum voucher and tissue collection number (if sequence generated by the authors) are reported. Museum abbreviations are AMNH (American Museum of Natural History; prefix "A" refers to amphibians), BWMC (Bobby Witche Memorial Collection, Avila University), KU (University of Kansas Museum of Natural History), MNHNCu (National Museum of Natural History, Havana, Cuba), MVZ (Museum of Vertebrate Zoology, University of California, Berkeley), QCAZ (Catholic University of Ecuador, Museum of Zoology), UPRRP (University of Puerto Rico, at Rio Piedras, Museum of Natural History), USNM (United States National Museum of Natural History, Smithsonian Institution), UTA (University of Texas at Arlington, Museum of Natural History), MHNSM (Universidad Nacional Mayor de San Marcos, Lima, Peru). Specimens are numbered as they appear in Fig. 2.

1. Feller AE, Hedges SB (1998) *Mol Phylogenet Evol* 9:509-516.
2. Frost DR, Grant T, Faivovich J, Bain RH, Haas A, Haddad CFB, De Sa RO, Channing A, Wilkinson M, Donnellan SC, et al. (2006) *Bull Am Mus Nat Hist* 297:1-371.
3. Darst CR, Cannatella DC (2004) *Mol Phylogenet Evol* 31:462-475.
4. Lehr E, Frittsch G, Muller A (2005) *Zool Scr* 34:593-603.
5. Faivovich J, Haddad CFB, Garcia PCA, Frost DR, Campbell JA, Wheeler WC (2005) *Bull Am Mus Nat Hist* 294:1-240.
6. Wiens JJ, Fetzner JW, Parkinson CL, Reeder TW (2005) *Syst Biol* 54:719-748.
7. Nagae, Y. (1988) *J. Nippon Med. Sch.* **55**, 417-430.
8. Zhang, P., Zhou, H., Chen, Y. Q., Liu, Y. F. & Qu, L. H. (2005) *Syst Biol* **54**, 391-400.
9. Santos, J. C., Coloma, L. A., & Cannatella, D. C. (2003) *Proc Natl Acad Sci U.S.A.* **100**, 12792-12797.