

APÉNDICE DIGITAL 1

Georeferencia de las secuencias mtDNA del gen COI de *Atta cephalotes*

DIGITAL APPENDIX 1

Georeference of mtDNA sequences of COI gene for *Atta cephalotes*

Número	Latitud	Longitud	País	Localidad	Accesión
1	-14.2	-39.7	Brasil	Aurelino Leal, BA	EU156308.1
2	-14.5	-39.35	Brasil	Aurelino Leal, BA	EU156307.1
3	-14.2	-39.82	Brasil	Farm, BA	EU156306.1
4	-14.2	-39.82	Brasil	Farm, BA	EU156305.1
5	-14.09	-39.78	Brasil	Ipiaú, BA	EU156304.1
6	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU156303.1
7	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU156302.1
8	-14.42	-39.33	Brasil	Fazenda de Cascata, BA	EU156301.1
9	-14.84	-39.03	Brasil	Ubaitaba, BA	EU156300.1
10	-14.84	-39.03	Brasil	Ubaitaba, BA	EU156299.1
11	-14.84	-39.03	Brasil	Ubaitaba, BA	EU156298.1
12	-14.8	-39.01	Brasil	Ilhéus, BA	EU156297.1
13	-14.75	-39.23	Brasil	CEPLAC, BA	EU156296.1
14	-14.75	-39.23	Brasil	CEPLAC, BA	EU156295.1
15	-14.75	-39.23	Brasil	CEPLAC, BA	EU156294.1
16	-14.75	-39.23	Brasil	CEPLAC, BA	EU156293.1
17	-14.75	-39.23	Brasil	CEPLAC, BA	EU156292.1
18	-14.75	-39.23	Brasil	CEPLAC, BA	EU156291.1
19	-14.75	-39.23	Brasil	CEPLAC, BA	EU156290.1
20	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156289.1
21	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156288.1
22	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156287.1
23	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156286.1
24	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156285.1
25	-1.69	-48.55	Brasil	Belém, PA	EU156284.1
26	-1.69	-48.55	Brasil	Belém, PA	EU156283.1
27	0.61	-51.75	Brasil	Macapá, AP	EU156282.1
28	0.61	-51.75	Brasil	Macapá, AP	EU156281.1
29	0.62	-51.7	Brasil	Macapá, AP	EU156280.1
30	-2.56	-54.3	Brasil	Santarém, PA	EU156279.1
31	-1.9	-054. 64	Brasil	Alenquer, PA	EU156278.1
32	0.62	-51.69	Brasil	Macapá, AP	EU156277.1
33	-3.66	-60.26	Brasil	Frei Caneca, PE	EU156276.1
34	-1.93	-54.64	Brasil	Alenquer, PA	EU156275.1
35	-1.69	-48.55	Brasil	NA	EU156274.1
36	-9.86	-56.08	Brasil	Alta Floresta, MT	EU156273.1
37	-10.05	-55.43	Brasil	Alta Floresta, MT	EU156272.1

38	-10.05	-55.43	Brasil	Alta Floresta, MT	EU156271.1
39	-9.59	-56.02	Brasil	NA	EU156270.1
40	-9.76	-55.86	Brasil	Alta Floresta, MT	EU156269.1
41	-9.76	-55.86	Brasil	Alta Floresta, MT	EU156268.1
42	-9.86	-56.08	Brasil	Alta Floresta, MT	EU156267.1
43	-10.05	-55.43	Brasil	Alta Floresta, MT	EU156266.1
44	-9.86	-56.08	Brasil	Alta Floresta, MT	EU156265.1
45	-10.04	-55.43	Brasil	Alta Floresta, MT	EU156264.1
46	-9.55	-55.99	Brasil	Alta Floresta, MT	EU156263.1
47	5.11	-60.83	Venezuela	Kukenan Camp	EU156262.1
48	5.96	75.71	Colombia	Venecia	EU156261.1
49	5.62	-75.82	Colombia	Andes	EU156260.1
50	5.61	-75.8	Colombia	Andes	EU156259.1
51	5.6	-75.84	Colombia	Andes	EU156258.1
52	6.53	-75.84	Colombia	Santafé de Antioquia	EU156257.1
53	6.52	-75.86	Colombia	Santafé de Antioquia	EU156256.1
54	6.5	-75.87	Colombia	Santafé de Antioquia	EU156255.1
55	6.5	-75.85	Colombia	Santafé de Antioquia	EU156254.1
56	6.5	-75.85	Colombia	Santafé de Antioquia	EU156253.1
57	6.5	-75.8	Colombia	Santafé de Antioquia	EU156252.1
58	6.5	-75.8	Colombia	Santafé de Antioquia	EU156251.1
59	6.5	-75.35	Colombia	Sonsón	EU156250.1
60	6.5	-75.45	Colombia	Sonsón	EU156249.1
61	6.5	-75.03	Colombia	San Roque	EU156248.1
62	6.5	-75.04	Colombia	San Roque	EU156247.1
63	6.3	-75.04	Colombia	San Roque	EU156246.1
64	6.3	-75.04	Colombia	San Roque	EU156245.1
65	6.3	-75.05	Colombia	San Roque	EU156244.1
66	6.3	-75.05	Colombia	San Roque	EU156243.1
67	6.3	-75.05	Colombia	San Roque	EU156242.1
68	6.5	-75.01	Colombia	NA	EU165474.1
69	-14.2	-39.86	Brasil	Farm, BA	EU165436.1
70	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU165435.1
71	-14.76	-39.23	Brasil	CEPLAC, BA	EU165434.1
72	-14.76	-39.23	Brasil	CEPLAC, BA	EU165433.1
73	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165432.1
74	-9.56	-55.99	Brasil	Alta Floresta, MT	EU165429.1
75	5.7	-75.91	Colombia	Andes	EU165428.1
76	5.8	-75.95	Colombia	Andes	EU165427.1
77	6.51	-775.95	Colombia	Santafé de Antioquia	EU165426.1
78	5.6	-75.9	Colombia	Andes	EU165425.1
79	-10.05	-55.43	Brasil	Alta Floresta, MT	EU165424.1
80	-9.76	-55.86	Brasil	Alta Floresta, MT	EU165423.1
81	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165422.1
82	-1.69	-48.55	Brasil	Belém, PA	EU165421.1
83	-1.69	-48.55	Brasil	Belém, PA	EU165420.1

84	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU165419.1
85	-14.76	-39.23	Brasil	CEPLAC, BA	EU165418.1
86	-14.75	-39.23	Brasil	CEPLAC, BA	EU165417.1
87	-14.76	-39.23	Brasil	CEPLAC, BA	EU165416.1
88	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165415.1
89	-14.76	-39.23	Brasil	CEPLAC, BA	EU165414.1
90	-9.86	-56.08	Brasil	Alta Floresta, MT	EU165413.1
91	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165412.1
92	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165411.1
93	0.62	-51.69	Brasil	Macapá, AP	EU165410.1
94	-8.72	-35.84	Brasil	Frei Caneca, PE	EU165409.1
95	6.51	-75.95	Colombia	Santafé de Antioquia	EU165408.1
96	6.53	-75.88	Colombia	Santafé de Antioquia	EU165407.1
97	6.53	-75.88	Colombia	Santafé de Antioquia	EU165406.1
98	5.7	-75.4	Colombia	Sonsón	EU165405.1
99	5.1	-60.82	Venezuela	Kukenan Camp	EU165404.1
100	0.6	-51.75	Brasil	Macapá, AP	EU165403.1
101	0.6	-51.75	Brasil	Macapá, AP	EU165402.1
102	-9.75	-55.86	Brasil	Alta Floresta, MT	EU165401.1
103	-1.69	-48.55	Brasil	NA	EU165400.1
104	-10.05	-55.43	Brasil	Alta Floresta, MT	EU165399.1
105	-2.55	-54.72	Brasil	Santarém, PA	EU165398.1
106	-1.9	54.64	Brasil	Alenquer, PA	EU165397.1
107	-1.68	-48.54	Brasil	Belém, PA	EU165396.1
108	-14.75	-39.23	Brasil	CEPLAC, BA	EU165395.1
109	-10.03	-55.43	Brasil	Alta Floresta, MT	EU165394.1
110	-14.9	-39.1	Brasil	Ilhéus, BA	EU165393.1
111	NA	NA	Colombia	Venecia	EU165392.1
112	5.66	-75.85	Colombia	Andes	EU165391.1
113	6.53	-75.88	Colombia	Santafé de Antioquia	EU165390.1
114	6.53	-75.88	Colombia	Santafé de Antioquia	EU165389.1
115	6.53	-75.88	Colombia	Santafé de Antioquia	EU165388.1
116	6.46	-75.03	Colombia	San Roque	EU165387.1
117	6.3	-75.1	Colombia	San Roque	EU165386.1
118	5.7	-75.4	Colombia	Sonsón	EU165385.1
119	6.48	-75.1	Colombia	San Roque	EU165384.1
120	6.46	-75.02	Colombia	San Roque	EU165383.1
121	-14.2	-39.8	Brasil	Aurelino Leal, BA	EU165382.1
122	-100.05	-55.43	Brasil	Alta Floresta, MT	EU165381.1
123	-14.2	-39.81	Brasil	Farm, BA	EU165380.1
124	6.49	-75.03	Colombia	San Roque	EU165379.1
125	6.49	-75,02	Colombia	San Roque	EU165378.1
126	-9.59	-56.02	Brasil	Alta Floresta, MT	EU165377.1
127	-14.2	-39.81	Brasil	Farm, BA	EU165376.1
128	-14.41	-39.33	Brasil	Aurelino Leal, BA	EU165375.1
129	-14.83	-39.02	Brasil	Ubaitaba, BA	EU165374.1

130	-14.2	-39.81	Brasil	Farm, BA	EU156324.1
131	-8.72	-35.84	Brasil	Frei Caneca, PE	EU156323.1
132	-1.69	-48.55	Brasil	Belém, PA	EU156322.1
133	-9.86	-56.08	Brasil	Alta Floresta, MT	EU156321.1
134	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU156320.1
135	-1.93	-54.64	Brasil	Alenquer, PA	EU156319.1
136	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU156318.1
137	-1.9	-54.64	Brasil	Alenquer, PA	EU156317.1
138	-14.1	-39.78	Brasil	Ipiaú, BA	EU156316.1
139	-3.66	-60.26	Brasil	Carreiro de Várzea, MA	EU156315.1
140	-14.76	-39.24	Brasil	CEPLAC, BA	EU156314.1
141	-9.86	-56.08	Brasil	Alta Floresta, MT	EU156313.1
142	-14,84	-39.03	Brasil	Ubaitaba, BA	EU156312.1
143	0.6	-51.75	Brasil	Macapá, AP	EU156311.1
144	-14.76	-39.23	Brasil	CEPLAC, BA	EU156310.1
145	-14.41	-39.33	Brasil	Fazenda de Cascata, BA	EU156309.1
146	11	-61	Panamá	NA	KT783621.1
147	10.683611	-61.283333	Trinidad	Simla	EU847938.1*
148	10.683611	-61.283333	Trinidad	Simla	EU847937.1*
149	10.683611	-61.283333	Trinidad	Simla	EU847936.1*
150	10.683611	-61.283333	Trinidad	Simla	EU847935.1*
151	10.683611	-61.283333	Trinidad	Simla	EU847934.1*
152	10.683611	-61.283333	Trinidad	Simla	EU847933.1*
153	4.55705	-52.1761833	Guyana Francesa	Amazon Nature Lodge	EU847932.1*
154	4.49826667	-52.0523833	Guyana Francesa	Kaw Boat Landing	EU847931.1*
155	4.55783333	-52.2039	Guyana Francesa	Amazon Nature Lodge	EU847930.1*
156	4.5518	-52.2119667	Guyana Francesa	Amazon Nature Lodge	EU847929.1*
157	4.55976667	-52.2068	Guyana Francesa	Amazon Nature Lodge	EU847928.1*
158	17.13	-89.24	Guatemala	Tikal	EU847927.1*
159	-0.63825	-76.1493167	Ecuador	Tiputini	EU847926.1*
160	20.4	-88.36	México	Chichén Itzá	EU847925.1*
161	8.13954	-61.68963	Venezuela	Camp Rio Grande	EU847924.1*
162	8.13954	-61.68963	Venezuela	Camp Rio Grande	EU847923.1*
163	8.84314	-70.49066	Venezuela	Calderas	EU847922.1*
164	8.73499	-71.44686	Venezuela	Parque La Palmita	EU847921.1*
165	8.73499	-71.44686	Venezuela	Parque La Palmita	EU847920.1*
166	8.73499	-71.44686	Venezuela	Parque La Palmita	EU847919.1*
167	9.00528	-71.08352	Venezuela	Monte Aventino	EU847918.1*
168	9.00528	-71.08352	Venezuela	Monte Aventino	EU847917.1*
169	9.00528	-71.08352	Venezuela	Monte Aventino	EU847916.1*
170	9.00528	-71.08352	Venezuela	Monte Aventino	EU847915.1*
171	9.25677	-70.85779	Venezuela	Monte Carmelo	EU847914.1*
172	9.25677	-70.85779	Venezuela	Monte Carmelo	EU847913.1*
173	10.34846	-67.68436	Venezuela	PN Henri Pittier	EU847912.1*
174	10.34846	-67.68436	Venezuela	PN Henri Pittier	EU847911.1*
175	10.34846	-67.68436	Venezuela	PN Henri Pittier	EU847910.1*

176	10.34846	-67.68436	Venezuela	Rancho Grande Stn	EU847909.1*
177	-3.2489	-72.90908	Perú	ACTS	EU847908.1*
178	-3.2489	-72.90908	Perú	ACTS	EU847907.1*
179	-3.2489	-72.90908	Perú	ACTS	EU847906.1*
180	-3.2489	-72.90908	Perú	ACTS	EU847905.1*
181	-3.44336	-72.84978	Perú	Explorama Lodge	EU847904.1*
182	-3.44336	-72.84978	Perú	Explorama Lodge	EU847903.1*
183	-3.44336	-72.84978	Perú	Explorama Lodge	EU847902.1*
184	-12.56895	-70.1002	Perú	CICRA	EU847901.1*
185	-12.56895	-70.1002	Perú	CICRA	EU847900.1*
186	-12.56895	-70.1002	Perú	CICRA	EU847899.1*
187	-12.56895	-70.1002	Perú	CICRA	EU847898.1*
188	-12.56895	-70.1002	Perú	CICRA	EU847897.1*
189	-12.56895	-70.1002	Perú	CICRA	EU847896.1*
190	-12.56895	-70.1002	Perú	CICRA	EU847895.1*
191	-12.56895	-70.1002	Perú	CICRA	EU847894.1*
192	-12.82841	-71.36393	Perú	Salvación	EU847893.1*
193	-12.90274	-71.42362	Perú	Pillcopata	EU847892.1*
194	-12.90274	-71.42362	Perú	Pillcopata	EU847891.1*
195	-12.90274	-71.42362	Perú	Pillcopata	EU847890.1*
196	5.10819	-60.82989	Venezuela	Kukenan Camp	EU847889.1*
197	-3.65538	-60.26173	Brasil	Carreiro de Varzea	EU847888.1*
198	-1.92631	-54.63676	Brasil	Alenquer	EU847887.1*
199	-1.90357	-54.64113	Brasil	Alenquer	EU847886.1*
200	0.60082	-51.75435	Brasil	Macapa	EU847885.1*
201	0.62059	-51.69178	Brasil	Macapa	EU847884.1*
202	-1.68755	-48.54977	Brasil	Belem	EU847883.1*
203	-9.86249	-56.07603	Brasil	Alta Floresta	EU847882.1*
204	-9.86249	-56.07603	Brasil	Alta Floresta	EU847881.1*
205	-1.005337	-55.43224	Brasil	Alta Floresta	EU847880.1*
206	-1.005337	-55.43224	Brasil	Alta Floresta	EU847879.1*
207	-9.75642	-55.86272	Brasil	Alta Floresta	EU847878.1*
208	-9.75642	-55.86272	Brasil	Alta Floresta	EU847877.1*
209	-1.44135556	-39.3308889	Brasil	Fazenda de Cascata	EU847876.1*
210	-1.44135556	-39.3308889	Brasil	Fazenda de Cascata	EU847875.1*
211	-1.483975	-39.0268889	Brasil	Ubaitaba	EU847874.1*
212	-1.483975	-39.0268889	Brasil	Ubaitaba	EU847873.1*
213	-1.483975	-39.0268889	Brasil	Ubaitaba	EU847872.1*
214	-1.47553611	-39.2325556	Brasil	CEPLAC	EU847871.1*
215	-1.47553611	-39.2325556	Brasil	CEPLAC	EU847870.1*
216	-1.47553611	-39.2325556	Brasil	CEPLAC	EU847869.1*
217	-1.47553611	-39.2325556	Brasil	CEPLAC	EU847868.1*
218	-8.72038333	-35.84425	Brasil	Frei Caneca	EU847867.1*
219	-8.72038333	-35.84425	Brasil	Frei Caneca	EU847866.1*
220	-8.72038333	-35.84425	Brasil	Frei Caneca	EU847865.1*
221	18.4884667	-95.0669833	México	Sierra de los Tuxtlas	EU847864.1*

222	18.4884667	-95.0669833	México	Sierra de los Tuxtlas	EU847863.1*
223	9.20105	-82.13069	Panamá	Isla Popa	EU847862.1*
224	9.20105	-82.13069	Panamá	Isla Popa	EU847861.1*
225	9.20105	-82.13069	Panamá	Isla Popa	EU847860.1*
226	9.34018	-82.17691	Panamá	Isla Bastimentos	EU847859.1*
227	9.0982	-82.2895	Panamá	Punta Peña-Almirante	EU847858.1*
228	9.29537	-82.42819	Panamá	Changuinola-Almirante	EU847857.1*
229	9.02712	-82.30523	Panamá	Punta Peña-Almirante	EU847856.1*
230	8.99978	-82.26275	Panamá	Punta Peña-Almirante	EU847855.1*
231	9.32605	-79.95731	Panamá	Fort Sherman	EU847854.1*
232	10.4300833	-84.0111833	Costa Rica	La Selva Arboretum	EU847853.1*
233	10.4296667	-84.0107333	Costa Rica	La Selva Arboretum	EU847852.1*
234	10.4295167	-84.0106	Costa Rica	La Selva Arboretum	EU847851.1*
235	10.4292667	-84.00995	Costa Rica	La Selva Arboretum	EU847850.1*
236	10.4299	-84.0097	Costa Rica	La Selva Arboretum	EU847849.1*
237	10.5071833	-84.0309	Costa Rica	Tres Rosales	EU847848.1*
238	10.0268333	-83.2489667	Costa Rica	Martina-Limón	EU847847.1*
239	9.99248333	-83.1261833	Costa Rica	Moín	EU847846.1*
240	9.87496667	-83.009	Costa Rica	Banano del Sur	EU847845.1*
241	9.73845	-82.8221333	Costa Rica	Cahuita	EU847844.1*
242	9.73603333	-82.8384333	Costa Rica	Cahuita	EU847843.1*
243	9.6396	-82.6928167	Costa Rica	Pto Viejo Talamanca	EU847842.1*
244	9.63868333	-82.6934	Costa Rica	Pto Viejo Talamanca	EU847841.1*
245	9.65266667	-82.7519833	Costa Rica	Limon	EU847840.1*
246	0.403333	-79.973333	Ecuador	Finca Tenorio-La Tola	EU847839.1*
247	-0.49751667	-76.3747167	Ecuador	La Selva	EU847838.1*
248	-0.49751667	-76.3747167	Ecuador	La Selva	EU847837.1*
249	5.3	-59.9	Guyana Francesa	NA	EU847836.1*
250	-9.55657	-55.997	Brasil	Alta Floresta	EU847835.1*
251	-1.4201777	-39.82375	Brasil	Aurelino Leal	EU847834.1*
252	1.0683611	-61.283333	Trinidad	NA	EU847833.1*
253	17.216666	-88.833333	Belice	ATM Cave	EU847832.1*
254	-0.63825	-76.1493167	Ecuador	Tiputini	EU847831.1*
255	-0.49751667	-76.3747167	Ecuador	La Selva	EU847830.1*
256	-0.49751667	-76.3747167	Ecuador	La Selva	EU847829.1*
257	-0.49751667	-76.3747167	Ecuador	La Selva	EU847828.1*
258	5.97	-75.72	Colombia	Venecia	EU847827.1*
259	5.667222	-75.850833	Colombia	Andes	EU847826.1*
260	6.535277	-75.883888	Colombia	Santafé de Antioquia	EU847825.1*
261	6.533333	-75.883333	Colombia	Santafé de Antioquia	EU847824.1*
262	6.534722	-75.884444	Colombia	Santafé de Antioquia	EU847823.1*
263	6.469166	-75.034722	Colombia	San Roque	EU847822.1*
264	6.468333	-75.035555	Colombia	San Roque	EU847821.1*
265	11	-61	Trinidad	Simla	FJ547465.1*
266	11	-61	Trinidad	Simla	FJ547464.1*
267	11	-61	Trinidad	Simla	FJ547463.1*

268	11	-61	Trinidad	Simla	FJ547462.1*
269	11	-61	Trinidad	Simla	FJ547461.1*
270	11	-61	Trinidad	Simla	FJ547460.1*
271	4.56	-52.18	Guyana Francesa	Amazon Nature Lodge	EU848053.1
272	4.5	-52.05	Guyana Francesa	Kaw Boat Landing	EU848052.1
273	4.56	-52.2	Guyana Francesa	Amazon Nature Lodge	EU848051.1
274	4.55	-52.21	Guyana Francesa	Amazon Nature Lodge	EU848050.1
275	4.56	-52.2	Guyana Francesa	Amazon Nature Lodge	EU848049.1
276	17.13	-89.24	Guatemala	Tikal	EU848048.1
277	-0.64	-76.15	Ecuador	Tiputini	EU848047.1
278	20.4	-88.36	México	Chichén Itzá	EU848046.1
279	8.14	-61.69	Venezuela	Camp Rio Grande	EU848045.1
280	8.14	-61.69	Venezuela	Camp Rio Grande	EU848044.1
281	8.84	-70.49	Venezuela	Calderas	EU848043.1
282	8.73	-71.45	Venezuela	Parque La Palmita	EU848042.1
283	8.73	-71.45	Venezuela	Parque La Palmita	EU848041.1
284	8.73	-71.45	Venezuela	Parque La Palmita	EU848040.1
285	9	-71.08	Venezuela	Monte Aventino	EU848039.1
286	9	-71.08	Venezuela	Monte Aventino	EU848038.1
287	9	-71.08	Venezuela	Monte Aventino	EU848037.1
288	9	-71.08	Venezuela	Monte Aventino	EU848036.1
289	9.25	-70.85	Venezuela	Monte Carmelo	EU848035.1
290	9.25	-70.85	Venezuela	Monte Carmelo	EU848034.1
291	10.35	-67.68	Venezuela	PN Henri Pittier	EU848033.1
292	10.35	-67.68	Venezuela	PN Henri Pittier	EU848032.1
293	10.35	-67.68	Venezuela	PN Henri Pittier	EU848031.1
294	10.35	-67.68	Venezuela	Rancho Grande Stn	EU848030.1
295	-3.25	-72.85	Perú	ACTS	EU848029.1
296	-3.25	-72.85	Perú	ACTS	EU848028.1
297	-3.25	-72.85	Perú	ACTS	EU848027.1
298	-3.25	-72.85	Perú	ACTS	EU848026.1
299	-3.44	-72.85	Perú	Explorama Lodge	EU848025.1
300	-3.44	-72.85	Perú	Explorama Lodge	EU848024.1
301	-3.44	-72.85	Perú	Explorama Lodge	EU848023.1
302	-12.57	-70.1	Perú	CICRA	EU848022.1
303	-12.57	-70.1	Perú	CICRA	EU848021.1
304	-12.57	-70.1	Perú	CICRA	EU848020.1
305	-12.57	-70.1	Perú	CICRA	EU848019.1
306	-12.57	-70.1	Perú	CICRA	EU848018.1
307	-12.57	-70.1	Perú	CICRA	EU848017.1
308	-12.57	-70.1	Perú	CICRA	EU848016.1
309	-12.57	-70.1	Perú	CICRA	EU848015.1
310	-12.83	-71.37	Perú	Salvación	EU848014.1
311	-12.9	-71.42	Perú	Pillcopata	EU848013.1
312	-12.9	-71.42	Perú	Pillcopata	EU848012.1
313	-12.9	-71.42	Perú	Pillcopata	EU848011.1

314	5.11	-60.83	Venezuela	Kukenan Camp	EU848010.1
315	-3.66	-60.26	Brasil	Carreiro de Varzea	EU848009.1
316	-1.92	-54.64	Brasil	Alenquer	EU848008.1
317	-1.9	-54.64	Brasil	Alenquer	EU848007.1
318	0.6	-51.75	Brasil	Macapa	EU848006.1
319	0.62	-51.69	Brasil	Macapa	EU848005.1
320	-1.69	-48.55	Brasil	Belem	EU848004.1
321	-9.86	-56.08	Brasil	Alta Floresta	EU848003.1
322	-9.86	-56.08	Brasil	Alta Floresta	EU848002.1
323	-10.05	-55.43	Brasil	Alta Floresta	EU848001.1
324	-10.05	-55.43	Brasil	Alta Floresta	EU848000.1
325	-9.76	-55.86	Brasil	Alta Floresta	EU847999.1
326	-9.76	-55.86	Brasil	Alta Floresta	EU847998.1
327	-14.41	-39.33	Brasil	Fazenda de Cascata	EU847997.1
328	-14.41	-39.33	Brasil	Fazenda de Cascata	EU847996.1
329	-14.84	-39.03	Brasil	Ubaitaba	EU847995.1
330	-14.84	-39.03	Brasil	Ubaitaba	EU847994.1
331	-14.84	-39.03	Brasil	Ubaitaba	EU847993.1
332	-14.76	-39.23	Brasil	CEPLAC	EU847992.1
333	-14.76	-39.23	Brasil	CEPLAC	EU847991.1
334	-14.76	-39.23	Brasil	CEPLAC	EU847990.1
335	-14.76	-39.23	Brasil	CEPLAC	EU847989.1
336	-8.72	-35.84	Brasil	Frei Caneca	EU847988.1
337	-8.72	-35.84	Brasil	Frei Caneca	EU847987.1
338	-8.72	-35.84	Brasil	Frei Caneca	EU847986.1
339	18.49	-95.07	México	Sierra de los Tuxtlas	EU847985.1
340	18.49	-95.07	México	Sierra de los Tuxtlas	EU847984.1
341	9.2	-82.13	Costa Rica	Isla Popa	EU847983.1
342	9.2	-82.13	Costa Rica	Isla Popa	EU847982.1
343	9.2	-82.13	Costa Rica	Isla Popa	EU847981.1
344	9.34	-82.18	Panamá	Isla Bastimentos	EU847980.1
345	9.1	-82.29	Panamá	Punta Peña-Almirante	EU847979.1
346	9.3	-82.43	Panamá	Changuinola-Almirante	EU847978.1
347	9.03	-82.31	Panamá	Punta Peña-Almirante	EU847977.1
348	8.99	-82.26	Panamá	Punta Peña-Almirante	EU847976.1
349	9.32	-79.96	Brasil	Fort Sherman	EU847975.1
350	10.43	-84.01	Costa Rica	La Selva Arboretum	EU847974.1
351	10.43	-84.01	Costa Rica	La Selva Arboretum	EU847973.1
352	10.43	-84.01	Costa Rica	La Selva Arboretum	EU847972.1
353	10.43	-84.01	Costa Rica	La Selva Arboretum	EU847971.1
354	10.43	-84.01	Costa Rica	La Selva Arboretum	EU847970.1
355	10.51	-84.03	Costa Rica	Tres Rosales	EU847969.1
356	10.03	-83.25	Costa Rica	Martina-Limón	EU847968.1
357	9.99	-83.13	Costa Rica	Moín	EU847967.1
358	9.88	-83.01	Costa Rica	Banano del Sur	EU847966.1
359	9.74	-82.82	Costa Rica	Cahuita	EU847965.1

360	9.74	-82.83	Costa Rica	Cahuita	EU847964.1
361	9.64	-82.69	Costa Rica	Pto Viejo Talamanca	EU847963.1
362	9.64	-82.69	Costa Rica	Pto Viejo Talamanca	EU847962.1
363	9.65	-82.75	Costa Rica	Limon	EU847961.1
364	0.4	-79.97	Ecuador	Finca Tenorio-La Tola	EU847960.1
365	-0.5	-76.37	Ecuador	La Selva	EU847959.1
366	-0.5	-76.37	Ecuador	La Selva	EU847958.1
367	5.3	-59.9	Guatemala	NA	EU847957.1
368	-9.56	-55.99	Brasil	Alta Floresta	EU847956.1
369	-14.2	-39.82	Brasil	Aurelino Leal	EU847955.1
370	10.68	-61.28	Trinidad	NA	EU847954.1
371	17.22	-88.83	Brasil	ATM Cave	EU847953.1
372	-0.64	-76.15	Ecuador	Tiputini	EU847952.1
373	-0.5	-76.37	Ecuador	La Selva	EU847951.1
374	-0.5	-76.37	Ecuador	La Selva	EU847950.1
375	-0.5	-76.37	Ecuador	La Selva	EU847949.1
376	5.97	-75.72	Colombia	Venecia	EU847948.1
377	5.67	-75.85	Colombia	Andes	EU847947.1
378	6.53	-75.88	Colombia	Santafé de Antioquia	EU847946.1
379	6.53	-75.88	Colombia	Santafé de Antioquia	EU847945.1
380	6.53	-75.88	Colombia	Santafé de Antioquia	EU847944.1
381	6.47	-75.03	Colombia	San Roque	EU847943.1
382	6.47	-75.03	Colombia	San Roque	EU847942.1
383	NA	NA	NA	NA	AF016016.1
384	NA	NA	NA	NA	FJ547465.1
385	NA	NA	NA	NA	FJ547464.1
386	NA	NA	NA	NA	FJ547463.1
387	NA	NA	NA	NA	FJ547462.1
388	NA	NA	NA	NA	FJ547461.1
389	NA	NA	NA	NA	FJ547460.1
390	3.48782	-77.00187	Colombia	Buenaventura	MG948881.1*
391	3.49479	-77.00036	Colombia	Buenaventura	MG948860.1*
392	3.5778333	-76.6566944	Colombia	Dagua	MG948895.1*
393	3.5562222	-76.6520833	Colombia	Dagua	MG948873.1*
394	3.5350278	-76.6462778	Colombia	Dagua	MG948869.1*
395	3.5686667	-76.6465	Colombia	Dagua	MG948875.1*
396	3.51225	-76.6561389	Colombia	Dagua	MG948876.1*
397	3.5266944	-76.6769722	Colombia	Dagua	MG948872.1*
398	3.5273611	-76.6767778	Colombia	Dagua	MG948862.1*
399	2.966667	-78.183333	Colombia	Gorgona	MG948861.1*
400	2.966667	-78.183333	Colombia	Gorgona	MG948867.1*
401	2.966667	-78.183333	Colombia	Gorgona	MG948882.1*
402	2.966667	-78.183333	Colombia	Gorgona	MG948883.1*
403	2.966667	-78.183333	Colombia	Gorgona	MG948886.1*
404	2.966667	-78.183333	Colombia	Gorgona	MG948885.1*
405	2.966667	-78.183333	Colombia	Gorgona	MG948864.1*

406	2.966667	-78.183333	Colombia	Gorgona	MG948868.1*
407	2.966667	-78.183333	Colombia	Gorgona	MG948870.1*
408	2.966667	-78.183333	Colombia	Gorgona	MG948884.1*
409	2.538167	-77.869433	Colombia	Guapi	MG948891.1*
410	2.542533	-77.866933	Colombia	Guapi	MG948877.1*
411	2.544617	-77.87915	Colombia	Guapi	MG948879.1*
412	2.544117	-77.875983	Colombia	Guapi	MG948865.1*
413	2.5427	-77.871533	Colombia	Guapi	MG948871.1*
414	2.54115	-77.8577	Colombia	Guapi	MG948889.1*
415	2.538633	-77.8546	Colombia	Guapi	MG948866.1*
416	5.6733056	-76.6193889	Colombia	Quibdó	MG948863.1*
417	5.6205278	-76.6415278	Colombia	Quibdó	MG948874.1*
418	5.6708889	-76.6202778	Colombia	Quibdó	MG948888.1*
419	5.6837778	-76.6167222	Colombia	Quibdó	MG948859.1*
420	5.6816944	-76.6142222	Colombia	Quibdó	MG948887.1*
421	5.6776111	-76.5942222	Colombia	Quibdó	MG948880.1*
422	5.6805278	-76.5965556	Colombia	Quibdó	MG948878.1*

*Secuencias utilizadas en los análisis, NA = Sin información