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\* |
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| 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\* |
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| 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\* |
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| 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 |