*Amphibia-Reptilia*

# DNA metabarcoding reveals fine scale geographical differences of consumed algae in the Galápagos marine iguanas (*Amblyrhynchus cristatus*)

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## Supplementary material

**Table S1.** Marine iguana faeces samples from San Cristobal island.

| Sample ID | Site | Site code | Coordinates | Population Area | Date (M/D/Y) |
|---|---|---|---|---|---|
| H-Lob-01 | Lobería | SRL | 0.922167 S 89.620844 W | *A.c.mertensi* | 7/12/2017 |
| H-IL-01 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-02 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-03 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-04 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-05 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-06 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-07 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-IL-08 | Isla Lobos | SRIL | 0.855567 S 89.568067 W | *A.c.mertensi* | 9/12/2017 |
| H-LS-01 | Las Salinas | SRS | 0.697247 S 89.270836 W | *A.c.godzilla* | 11/12/2017 |
| H-PP-01 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-02 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-03 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-04 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-05 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-06 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-07 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-08 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-09 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-10 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-11 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-12 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-13 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-14 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |
| H-PP-15 | Punta Pitt | SRPC | 0.714178 S 89.241692 W | *A.c.godzilla* | 12/12/2017 |

**Table S2.** Algal tissue samples from San Cristobal island.

| Sample ID | Collection type | Site | Site Code | Date (M/D/Y) | Coordinates | Population area | Algae | GenBank Acc. No for match | Taxonomy | Query Cover % | Ident. % | Sequence deposited in UNITE database. UNITE Acc. No |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAL-A-003 | Intertidal | Lobería | SRL | 7/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Green | NC_042255 | Eukaryota; Viridiplantae; Chlorophyta; Ulvophyceae; Ulvales; Ulvaceae; *Ulva lactuca* | 99 | 94.52 | UDB077 7937 |
| GAL-A-004 | Intertidal | Lobería | SRL | 7/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Brown | EU579933 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Dictyotales; Dictyotaceae; *Padina gymnospora* | 99 | 95.64 | UDB077 7936 |
| GAL-A-005 | Intertidal | Lobería | SRL | 7/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Green | NC_042255 | Eukaryota; Viridiplantae; Chlorophyta; Ulvophyceae; Ulvales; Ulvaceae; *Ulva lactuca* | 100 | 98.11 | UDB077 7935 |
| GAL-A-007 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Brown | KY206236 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Fucales; Sargassaceae; *Sargassum natans* | 100 | 99.47 | UDB077 7934 |
| GAL-A-008 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Brown | EF526467 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Sporochnales; Sporochnaceae; *Carpomitra costata* | 100 | 99.31 | UDB077 7940 |
| GAL-A-010 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Red | AF254180 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Ceramiales; Delesseriaceae; *Cryptopleura violacea* | 100 | 98.62 | UDB077 7939 |
| GAL-A-011 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Green | NC_042255 | Eukaryota; Viridiplantae; Chlorophyta; Ulvophyceae; Ulvales; Ulvaceae; *Ulva lactuca* | 100 | 100 | UDB077 7938 |
| GAL-A-012 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Brown | AB820950 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Dictyotales; Dictyotaceae; *Padina gymnospora* | 98 | 96.77 | UDB077 7941 |
| GAL-A-013 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Brown | KP720534 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Fucales; Sargassaceae; *Sargassum cymosum var. scabriusculum* | 69 | 96.68 | UDB077 7942 |
| GAL-A-014 | Diving | Lobería | SRL | 8/12/2017 | 0.922167 S 89.620844 W | *A.c.mertensi* | Red? | AF099686 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Gigartinales; Solieriaceae; *Callophycus oppositifolius* | 94 | 85.70 | UDB077 7943 |
| GAL-A-016 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Brown | JQ364073 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Dictyotales; Dictyotaceae; *Padina durvillei* | 100 | 97.67 | UDB077 7944 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAL-A-017 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | AF488824 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Halymeniales; Halymeniaceae; *Grateloupia dichotoma* | 100 | 96.03 | UDB077 7945 |
| GAL-A-018 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Green | MG704795 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva ohnoi* | 100 | 99.73 | UDB077 7946 |
| GAL-A-020 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | AF521802 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Ceramiales; Ceramiaceae; *Ceramium paniculatum* | 100 | 95.37 | UDB077 7947 |
| GAL-A-021 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | KX284717 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Bonnemaisoniales; Bonnemaisoniaceae; *Asparagopsis taxiformis* | 100 | 99.60 | UDB077 7948 |
| GAL-A-022 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | MG887896 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Gelidiales; Gelidiaceae; *Gelidium johnstonii* | 99 | 95 | UDB077 7949 |
| GAL-A-023 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Green | EU484406 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva rotundata* | 99 | 98.72 | UDB077 7950 |
| GAL-A-025 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Brown | JQ364073 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Dictyotales; Dictyotaceae; *Pa dina durvillei* | 100 | 96.59 | UDB077 7951 |
| GAL-A-027 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Green | EU484406 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva rotundata* | 100 | 98.09 | UDB077 7952 |
| GAL-A-028 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Brown | DQ472041 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Dictyotales; *Dictyotaceae; Taonia atomaria* | 98 | 90.52 | UDB077 7953 |
| GAL-A-029 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | DQ110896 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Ceramiales; Ceramiaceae; *Callithamnion corymbosum* | 99 | 94.42 | UDB077 7968 |
| GAL-A-030 | Diving | Isla Lobos | SRIL | 8/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | - | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Bonnemaisoniales; Bonnemaisoniaceae; *Asparagopsis taxiformis* | 100 | 98.73 | UDB077 7954 |
| GAL-A-031 | Intertidal | Isla Lobos | SRIL | 9/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | NC_041174 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Gelidiales; Gelidiaceae; *Gelidium galapagense* | 100 | 94.96 | UDB077 7956 |
| GAL-A-033 | Intertidal | Isla Lobos | SRIL | 9/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Green | NC_042255 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva lactuca* | 100 | 99.81 | UDB077 7957 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GAL-A-034 | Intertidal | Isla Lobos | SRIL | 9/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Red | AF521798 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Ceramiales; Ceramiaceae; *Ceramium inkyuii* | 99 | 96.69 | UDB077 7955 |
| GAL-A-036 | Intertidal | Isla Lobos | SRIL | 9/12/2017 | 0.855567 S 89.568067 W | *A.c.mertensi* | Green | NC_042255 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva lactuca* | 99 | 99.91 | UDB077 7958 |
| GAL-A-037 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Green | EU933944 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva tanneri* | 100 | 100 | UDB077 7959 |
| GAL-A-038 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Red | AF212197 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Halymeniales; Halymeniaceae; *Grateloupia versicolor* | 98 | 95.38 | UDB077 7960 |
| GAL-A-040 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Brown | AJ295830 | Eukaryota; Stramenopiles; PX clade; Phaeophyceae; Ectocarpales; Acinetosporaceae; *Geminocarpus austrogeorgiae* | 100 | 94.62 | UDB077 7961 |
| GAL-A-041 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Red | FJ785310 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Ceramiales; Rhodomelaceae; Laurencieae; *Chondrophycus sp.* | 100 | 93.83 | UDB077 7962 |
| GAL-A-042 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Green | MG704795 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva ohnoi* | 100 | 99.22 | UDB077 7963 |
| GAL-A-043 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Red | KU905157 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Gigartinales; Hypneaceae; *Hypnea brasiliensis* | 99 | 96.56 | UDB077 7964 |
| GAL-A-044 | Intertidal | Las Salinas | SRS | ######## | 0.697247 S 89.270836 W | *A.c.godzilla* | Green | MG704795 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva ohnoi* | 100 | 99.36 | UDB077 7965 |
| GAL-A-047 | Diving | Playa Café | SRPC | ######## | 0.714178 S 89.241692 W | *A.c.godzilla* | Red | AB325819 | Eukaryota; Rhodophyta; Florideophyceae; Rhodymeniophycidae; Gigartinales; Peyssonneliaceae; *Peyssonnelia japonica* | 99 | 97.21 | UDB077 7966 |
| GAL-A-053 | Diving | Playa Café | SRPC | ######## | 0.714178 S 89.241692 W | *A.c.godzilla* | Green | EU484406 | Eukaryota; Viridiplantae; Chlorophyta; Ulvo phyceae; Ulvales; Ulvaceae; *Ulva rotundata* | 100 | 98.58 | UDB077 7967 |

**Table S3.** Macro-algal OTUs from faeces samples of marine iguanas. Singleton occurrences per subspecies (*mertensi/godzilla*) excluded. Replicate samples per faeces (frozen and EtOH stored subsamples) are pooled. Indicator OTU as based on indicator species analyses.

| OTU id | Indicator OTU | Phylum | Class | Order | Family | Genus | *Species* | GenBank Acc. No. | RepSeq length | Score | e value | query start | query end | align length | *seq cov%* | id% |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OTU1 | NA | Rhodophyta | Florideophyceae | Gigartinales | Phyllophoraceae | Ahnfeltiopsis | *Ahnfeltiopsis concinna* | KU640208 | 284 | 270 | 2.72E-110 | 0 | 284 | 284 | *99.65%* | **97%** |
| OTU2 | *A. c. godzilla* (P = 0.099) | Rhodophyta | Florideophyceae | Halymeniales | Halymeniaceae | Neorubra | *Neorubra decipiens* | KJ561155 | 284 | 258 | 5.64E-105 | 0 | 284 | 284 | *99.65%* | **95%** |
| OTU3 | *A. c. godzilla* (P = 0.101) | Rhodophyta | Florideophyceae | Halymeniales | Halymeniaceae | Grateloupia | *Grateloupia sp. Culebra-4/99* | AY294382 | 278 | 250 | 1.92E-101 | 0 | 278 | 278 | *99.64%* | **94%** |
| OTU4 | NA | Rhodophyta | Florideophyceae | Halymeniales | Halymeniaceae | Neorubra | *Neorubra decipiens* | KJ561155 | 283 | 261 | 2.63E-106 | 0 | 279 | 279 | *98.23%* | **96%** |
| OTU5 | *A. c. godzilla* (P = 0.089) | Rhodophyta | Florideophyceae | Ceramiales | Ceramiaceae | Microcladia | *Microcladia coulteri* | GQ252482 | 277 | 237 | 1.10E-95 | 0 | 277 | 277 | *99.64%* | **92%** |
| OTU6 | *A. c. godzilla* (P = 0.227) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium sp. BOLD:ACE2708* | KT208115 | 205 | 177 | 2.82E-69 | 0 | 205 | 205 | *99.51%* | **93%** |
| OTU7 | *A. c. godzilla* (P = 0.059) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium isabelae* | KX423477 | 278 | 256 | 4.22E-104 | 0 | 278 | 278 | *99.64%* | **96%** |
| OTU8 | NA | Rhodophyta | Florideophyceae | Gigartinales | Phyllophoraceae | Gymnogongrus | *Gymnogongrus durvillei* | KU640208 | 150 | 140 | 4.42E-62 | 0 | 150 | 150 | *99.33%* | **97%** |
| OTU9 | NA | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium crinale f. luxurians* | KX423475 | 283 | 239 | 1.46E-96 | 0 | 283 | 283 | *99.65%* | **92%** |
| OTU10 | *NA* | Rhodophyta | Bangiophyceae | Bangiales | Bangiaceae | Pyropia | *Pyropia haitanensis* | KC464603 | 152 | 89 | 1.76E-30 | 0 | 139 | 139 | *90.79%* | **82%** |
| OTU11 | *A. c. godzilla* (P = 0.491) | Chlorophyta | Ulvophyceae | Ulvales | Ulvaceae | Blidingia | *Blidingia minima* | AB091003 | 284 | 234 | 2.41E-94 | 0 | 284 | 284 | *99.65%* | **91%** |
| OTU12 | *A. c. godzilla* (P = 0.749) | Rhodophyta | Bangiophyceae | Porphyridiales | Porphyridiaceae | Porphyridium | *Porphyridium sordidum* | NC_031175 | 151 | 86 | 3.72E-29 | 0 | 132 | 132 | *86.75%* | **83%** |
| OTU13 | *A. c. mertensi* (P < **0.001**) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium isabelae* | KX423477 | 278 | 272 | 3.45E-111 | 0 | 278 | 278 | *99.64%* | **98%** |
| OTU14 | *A. c. mertensi* (P = 0.175) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium sp. BOLD:ACV2704* | KT208109 | 279 | 224 | 6.35E-90 | 0 | 278 | 278 | *99.28%* | **90%** |
| OTU15 | *A. c. mertensi* (P < **0.001**) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium isabelae* | KX423477 | 196 | 190 | 4.61E-75 | 0 | 196 | 196 | *99.49%* | **98%** |
| OTU16 | *A. c. mertensi* (P < **0.001**) | Rhodophyta | Florideophyceae | Gelidiales | Gelidiaceae | Gelidium | *Gelidium isabelae* | KX423477 | 159 | 153 | 8.43E-59 | 0 | 159 | 159 | *99.37%* | **98%** |
| OTU17 | *A. c. mertensi* (P = 0.175) | Rhodophyta | Florideophyceae | Halymeniales | Halymeniaceae | Yonagunia | *Yonagunia atimo-vatae* | KU146864 | 280 | 242 | 6.78E-98 | 0 | 278 | 278 | *98.93%* | **93%** |
| OTU18 | *A. c. mertensi* (P = 0.066) | Rhodophyta | Florideophyceae | Halymeniales | Halymeniaceae | Neorubra | *Neorubra decipiens* | KJ561155 | 194 | 190 | 4.55E-75 | 0 | 194 | 194 | *99.48%* | **98%** |

**Table S3.** Continuation…

| OTUid | H_IL_01 | H_IL_02 | H_IL_03 | H_IL_04 | H_IL_05 | H_IL_06 | H_IL_07 | H_IL_08 | H_Lob01 | H_PP_01 | H_PP_02 | H_PP_03 | H_PP_04 | H_PP_07 | H_PP_08 | H_PP_09 | H_PP_11 | H_PP_13 | H_PP_14 | H_PP_15 | H_LS_01 | Godzilla | Mertensi |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OTU1 | 30 | 235 | 538 | 5420 | 212 | 6274 | 3581 | 45 | 579 | 55 | 0 | 17 | 516 | 0 | 1646 | 0 | 0 | 0 | 16810 | 0 | 43 | 19087 | 16914 |
| OTU2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 47 | 133 | 0 | 0 | 0 | 15438 | 0 | 0 | 15761 | 0 |
| OTU3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 226 | 262 | 495 | 0 | 0 | 11084 | 0 | 0 | 12067 | 0 |
| OTU4 | 0 | 0 | 0 | 27 | 0 | 188 | 13 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 21 | 0 | 0 | 0 | 2668 | 0 | 0 | 2713 | 228 |
| OTU5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | 0 | 33 | 0 | 288 | 0 | 0 | 0 | 555 | 0 | 0 | 937 | 0 |
| OTU6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 880 | 11 | 0 | 0 | 0 | 0 | 0 | 905 | 0 |
| OTU7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114 | 0 | 0 | 0 | 110 | 165 | 442 | 0 | 0 | 15 | 0 | 846 | 0 |
| OTU8 | 0 | 0 | 42 | 126 | 15 | 303 | 265 | 0 | 26 | 0 | 0 | 0 | 15 | 0 | 69 | 0 | 0 | 0 | 517 | 0 | 0 | 601 | 777 |
| OTU9 | 0 | 21 | 0 | 0 | 0 | 0 | 116 | 0 | 0 | 0 | 330 | 0 | 14 | 0 | 0 | 34 | 0 | 44 | 165 | 0 | 0 | 587 | 137 |
| OTU10 | 0 | 0 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 439 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 480 | 67 |
| OTU11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 365 | 0 | 0 | 376 | 0 |
| OTU12 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 151 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 164 | 19 |
| OTU13 | 0 | 633 | 272 | 815 | 409 | 1033 | 989 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4200 |
| OTU14 | 0 | 0 | 0 | 0 | 0 | 393 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 432 |
| OTU15 | 0 | 45 | 38 | 137 | 7 | 89 | 82 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 406 |
| OTU16 | 0 | 37 | 26 | 100 | 11 | 86 | 53 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 319 |
| OTU17 | 0 | 0 | 0 | 0 | 0 | 127 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153 |
| OTU18 | 0 | 0 | 0 | 7 | 0 | 43 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| **Location** | Isla Lobos | Isla Lobos | Isla Lobos | Isla Lobos | Isla Lobos | Isla Lobos | Isla Lobos | Isla Lobos | La Loberia | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Punta Pitt | Las Salina | | |
| **Location code** | SRIL | SRIL | SRIL | SRIL | SRIL | SRIL | SRIL | SRIL | SRL | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRPP | SRS | | |
| **Subsp.** | Mertensi | Mertensi | Mertensi | Mertensi | Mertensi | Mertensi | Mertensi | Mertensi | Mertensi | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | Godzilla | | |