**Supplementary Table S1. Microbial taxa identified in feline faecal samples from La Graciosa, with detection frequencies in fresh and dry samples and statistical significance of differences.**

| Taxon | Type of microorganism | Detection frequency (fresh faeces) (%) | Detection frequency (dry faeces) (%) | p-value |
|---|---|---|---|---|
| *Acanthamoeba (Acanthamoeba castellanii)* | Protozoan (amoeba) | 8,1 | 15 | |
| *Acari (Demodex brevis)* | Mite | 0 | 3,9 | |
| *Acari (Myobia musculi)* | Mite | 8,1 | 6,3 | |
| *Acari (Puccinia striiformis)* | Mite | 2,7 | 8,7 | |
| *Aspergillus (Aspergillus versicolor)* | Fungi | 43,2 | 18,9 | 0,0048 |
| *Aspergillus (uncultured Ascomycota)* | Fungi | 5,4 | 0 | 0,0498 |
| *Aureobasidium (Aureobasidium iranianum)* | Yeast | 0 | 0,8 | |
| *Azygiida (Otodistomum cestoides)* | Plathyhelminth | 0 | 5,5 | |
| *Badhamia (Physaridae spp.)* | Fungi | 0 | 0,8 | |
| *Balamuthia (Balamuthia mandrillaris)* | Protozoan (amoeba) | 2,7 | 3,1 | |
| *Blastocystis (unidentified guinea)* | Protozoan | 0 | 5,5 | |
| *Candida (Candida albicans)* | Yeast | 0 | 0,8 | |
| *Candida (Candida sojae)* | Yeast | 16,2 | 4,7 | 0,0451 |
| *Candida (Diutina catenulata)* | Fungi | 45,9 | 27,6 | |
| *Cephalobaenida (Raillietiella spp.)* | Arthropod (pentastomid) | 2,7 | 4,7 | |
| *Cladosporium (Cladosporium herbarum)* | Fungi | 27 | 26 | |
| *Cladosporium (Zasmidium cellare)* | Fungi | 0 | 1,6 | |
| *Conidiocarpus (Conidiocarpus caucasicus)* | Fungi | 0 | 0,8 | |
| *Cyclophyllidea (Dipylidium caninum)* | Cestode | 91,9 | 69,3 | 0,005 |
| *Cyclophyllidea (Hymenolepis microstoma)* | Cestode | 0 | 6,3 | |
| *Cystoisospora (Cystoisospora felis)* | Protozoan (coccidian) | 0 | 0,8 | |
| *Cystoisospora (Cystoisospora suis)* | Protozoan (coccidian) | 0 | 2,4 | |
| *Debaryomyces (Debaryomyces fabryi)* | Yeast | 13,5 | 0 | 0,0005 |
| *Didymosphaeriaceae (Paraphaeosphaeria sporulosa)* | Fungi | 8,1 | 1,6 | |
| *Eimeriorina (Toxoplasma gondii)* | Protozoan | 2,7 | 9,4 | |
| *Eugregarinorida (Stylocephalus giganteus)* | Protozoan | 0 | 0,8 | |
| *Eugregarinorida (Xiphocephalus triplogemmatus)* | Protozoan (apicomplexa) | 16,2 | 20,5 | |
| *Filobasidium (Filobasidium floriforme)* | Fungi | 2,7 | 31,5 | 0,0002 |
| *Filobasidium (Filobasidium magnum)* | Fungi | 0 | 0,8 | |
| *Geotrichum (Galactomyces candidus)* | Fungi | 8,1 | 21,3 | |
| *Hanseniaspora (Hanseniaspora valbyensis)* | Yeast | 0 | 7,9 | |
| *Haplotaxida (Enchytraeus spp.)* | Metazoan (annelid worm) | 0 | 0,8 | |
| *Herpotrichia (Herpotrichia parasitica)* | Fungi | 0 | 1,6 | |
| *Heterobranchia (Cavolinia uncinata)* | Metazoan (marine planktonic) | 10,8 | 4,7 | |
| *Kazachstania-candida (Kazachstania exigua)* | Yeast | 2,7 | 8,7 | |
| *Leptomyxa (Ripidomyxa spp.)* | Protozoan (amoeba) | 0 | 0,8 | |
| *Lichtheimia (Lichtheimia ramosa)* | Fungi | 0 | 5,5 | |
| *Malassezia (Malassezia restricta)* | Fungi | 2,7 | 15,7 | 0,0474 |
| *Melanospora (Melanospora asymmetrica)* | Fungi | 0 | 6,3 | |
| *Mycamoeba (uncultured freshwater)* | Protozoan (amoeba) | 0 | 0,8 | |

| | | | | |
|---|---|---|---|---|
| *Naganishia (Naganishia vishniacii)* | Fungi | 13,5 | 26,8 | |
| *Nakaseomyces-candida (Candida glabrata)* | Yeast | 0 | 0,8 | |
| *Neotestudina (Neotestudina rosatii)* | Fungi | 0 | 3,1 | |
| *Oikopluridae (Oikopleura spp.)* | Metazoan (marine planktonic) | 0 | 6,3 | |
| *Opisthorchiida (Stephanostomum spp.)* | Trematode | 0 | 0,8 | |
| *Penicillium (Penicillium chrysogenum)* | Fungi | 0 | 5,5 | |
| *Penicillium (Penicillium expansum)* | Fungi | 13,5 | 2,4 | 0,0151 |
| *Phalansterium (Phalansterium spp.)* | Protozoan (amoeba) | 0 | 1,6 | |
| *Pichia (Pichia kudriavzevii)* | Yeast | 62,2 | 37 | 0,0113 |
| *Pichia (Pichia membranifaciens)* | Yeast | 13,5 | 11 | |
| *Rhizomucor (Rhizomucor pusillus)* | Mold | 0 | 6,3 | |
| *Rhizopus (Rhizopus stolonifer)* | Fungi | 0 | 0,8 | |
| *Saccharomyces (Saccharomyces cerevisiae)* | Yeast | 16,2 | 20,5 | |
| *Salpida (Thalia democratica)* | Metazoan (marine planktonic) | 0 | 13,4 | 0,0138 |
| *Solicoccozyma (Solicoccozyma terreus)* | Fungi | 2,7 | 7,9 | |
| *Spiromyces (Spiromyces aspiralis)* | Fungi | 0 | 3,1 | |
| *Spongillida (Baikalospongia bacillifera)* | Fungi | 2,7 | 0 | |
| *Starmerella-candida (Candida etchellsii)* | Yeast | 0 | 1,6 | |
| *Strigeidida (Psettarium nolani)* | Trematode | 2,7 | 5,5 | |
| *Stygamoebida (Stygamoeba regulata)* | Protozoan (amoeba) | 0 | 3,1 | |
| *Tetraphyllidea (Spiniloculus spp.)* | Cestode | 43,2 | 46,5 | |
| *Trichosporon (Trichosporon coremiiforme)* | Fungi | 5,4 | 0 | 0,0498 |
| *Unclassified Appendicularia (Oikopleuridae)* | Metazoan (marine planktonic) | 0 | 0,8 | |
| *Unclassified Basidiomycota (Malasseziomycetes spp.)* | Fungi | 10,8 | 0 | 0,0023 |
| *Unclassified Discosea (Dactylopodida)* | Protozoan (amoeba) | 0 | 0,8 | |
| *Unclassified Malasseziaceae (Malassezia spp.)* | Fungi | 21,6 | 9,4 | |
| *Unclassified Thecofilosea* | Protozoan | 10,8 | 14,2 | |
| *Unclassified Trebouxiophyceae (Trebouxiophyceae)* | Green microalga (*Chlorophyta*) | 8,1 | 3,1 | |
| *Unclassified Tremellomycetes (Trichosporon)* | Fungi | 0 | 0,8 | |
| *Unclassified Tremellomycetes (Trichosporonaceae spp.)* | Fungi | 2,7 | 0 | |
| *Unclassified Tubullinea (Echinamoebida)* | Protozoan (amoeba) | 0 | 4,7 | |
| *Wallemia (Wallemia sebi)* | Fungi | 0 | 1,6 | |