|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| species reported in this study | average abundance | median abundance | standard deviation of abundance | frequency |
| Pseudomonas\_aeruginosa | 49.7% | 50.0% | 34.1% | 81 |
| Corynebacterium\_striatum | 46.4% | 48.6% | 30.8% | 35 |
| Acinetobacter\_baumannii | 65.0% | 80.9% | 36.8% | 32 |
| Rothia\_mucilaginosa | 29.1% | 21.5% | 22.6% | 29 |
| Streptococcus\_pneumoniae | 34.9% | 11.8% | 37.0% | 16 |
| Veillonella\_parvula | 13.1% | 13.8% | 6.6% | 15 |
| Stenotrophomonas\_maltophilia | 20.1% | 13.6% | 25.2% | 13 |
| Streptococcus\_parasanguinis | 17.2% | 15.4% | 9.0% | 13 |
| Haemophilus\_influenzae | 56.8% | 60.2% | 33.3% | 12 |
| Klebsiella\_pneumoniae | 39.1% | 24.3% | 37.8% | 12 |
| Parvimonas\_micra | 28.2% | 18.1% | 24.9% | 12 |
| Streptococcus\_mitis | 22.2% | 19.5% | 17.1% | 12 |
| Enterococcus\_faecium | 41.3% | 29.0% | 31.9% | 11 |
| Prevotella\_melaninogenica | 14.6% | 12.8% | 8.4% | 11 |
| Streptococcus\_oralis | 15.1% | 11.8% | 14.9% | 11 |
| Moraxella\_catarrhalis | 60.6% | 87.9% | 38.4% | 9 |
| Burkholderia\_cepacia | 75.1% | 93.9% | 38.3% | 8 |
| Staphylococcus\_aureus | 43.1% | 37.0% | 35.4% | 8 |
| Staphylococcus\_epidermidis | 27.6% | 20.4% | 19.6% | 6 |
| Veillonella\_atypica | 15.2% | 15.2% | 6.0% | 6 |
| Achromobacter\_xylosoxidans | 41.1% | 29.6% | 28.4% | 5 |
| Enterococcus\_faecalis | 19.3% | 17.5% | 14.9% | 4 |
| Porphyromonas\_gingivalis | 38.1% | 39.2% | 19.8% | 4 |
| Prevotella\_intermedia | 25.6% | 14.8% | 29.8% | 4 |
| Staphylococcus\_haemolyticus | 23.0% | 18.8% | 19.2% | 4 |
| Tannerella\_forsythia | 45.7% | 41.5% | 23.3% | 4 |
| Escherichia\_coli | 35.3% | 3.1% | 56.0% | 3 |
| Prevotella\_jejuni | 21.3% | 10.9% | 18.6% | 3 |
| Streptococcus\_constellatus | 7.9% | 8.1% | 5.0% | 3 |
| Streptococcus\_salivarius | 14.4% | 14.5% | 3.9% | 3 |
| Actinomyces\_pacaensis | 8.7% | 8.7% | 4.9% | 2 |
| Bacteroides\_heparinolyticus | 29.8% | 29.8% | 1.7% | 2 |
| Corynebacterium\_argentoratense | 19.8% | 19.8% | 6.2% | 2 |
| Elizabethkingia\_anophelis | 63.8% | 63.8% | 46.1% | 2 |
| Filifactor\_alocis | 6.1% | 6.1% | 2.5% | 2 |
| Haemophilus\_parainfluenzae | 6.3% | 6.3% | 2.6% | 2 |
| Lactobacillus\_paracasei | 15.3% | 15.3% | 6.6% | 2 |
| Lactobacillus\_rhamnosus | 19.8% | 19.8% | 6.7% | 2 |
| Nocardia\_brasiliensis | 23.1% | 23.1% | 1.0% | 2 |
| Rhodococcus\_qingshengii | 10.7% | 10.7% | 0.9% | 2 |
| Streptococcus\_anginosus | 3.9% | 3.9% | 1.6% | 2 |
| Treponema\_denticola | 17.0% | 17.0% | 18.4% | 2 |
| Acinetobacter\_pittii | 80.4% | 80.4% |  | 1 |
| Bacteroides\_cellulosilyticus | 5.9% | 5.9% |  | 1 |
| Bacteroides\_fragilis | 48.2% | 48.2% |  | 1 |
| Bacteroides\_zoogleoformans | 8.9% | 8.9% |  | 1 |
| Bifidobacterium\_breve | 27.0% | 27.0% |  | 1 |
| Bifidobacterium\_longum | 19.6% | 19.6% |  | 1 |
| Burkholderia\_multivorans | 87.7% | 87.7% |  | 1 |
| Capnocytophaga\_leadbetteri | 5.1% | 5.1% |  | 1 |
| Chlamydia\_psittaci | 94.8% | 94.8% |  | 1 |
| Corynebacterium\_resistens | 18.3% | 18.3% |  | 1 |
| Corynebacterium\_simulans | 84.7% | 84.7% |  | 1 |
| Enterobacter\_aerogenes | 56.1% | 56.1% |  | 1 |
| Enterobacter\_cloacae | 3.2% | 3.2% |  | 1 |
| Fusobacterium\_necrophorum | 13.2% | 13.2% |  | 1 |
| Fusobacterium\_nucleatum | 26.3% | 26.3% |  | 1 |
| Fusobacterium\_periodonticum | 6.0% | 6.0% |  | 1 |
| Klebsiella\_oxytoca | 24.3% | 24.3% |  | 1 |
| Lactobacillus\_crispatus | 11.0% | 11.0% |  | 1 |
| Lactobacillus\_gasseri | 7.2% | 7.2% |  | 1 |
| Lactobacillus\_mucosae | 1.3% | 1.3% |  | 1 |
| Lactobacillus\_pentosus | 14.2% | 14.2% |  | 1 |
| Lactobacillus\_reuteri | 14.6% | 14.6% |  | 1 |
| Mycobacterium\_intracellulare | 8.1% | 8.1% |  | 1 |
| Mycobacterium\_tuberculosis | 91.4% | 91.4% |  | 1 |
| Mycoplasma\_hominis | 29.4% | 29.4% |  | 1 |
| Mycoplasma\_pneumoniae | 65.2% | 65.2% |  | 1 |
| Neisseria\_meningitidis | 29.7% | 29.7% |  | 1 |
| Nocardia\_farcinica | 9.7% | 9.7% |  | 1 |
| Olsenella\_uli | 8.0% | 8.0% |  | 1 |
| Parascardovia\_denticolens | 20.7% | 20.7% |  | 1 |
| Prevotella\_denticola | 53.8% | 53.8% |  | 1 |
| Pseudomonas\_mendocina | 97.3% | 97.3% |  | 1 |
| Pseudopropionibacterium\_propionicum | 18.6% | 18.6% |  | 1 |
| Rothia\_dentocariosa | 10.6% | 10.6% |  | 1 |
| Serratia\_marcescens | 32.1% | 32.1% |  | 1 |
| Streptococcus\_gordonii | 14.3% | 14.3% |  | 1 |
| Streptococcus\_pseudopneumoniae | 12.1% | 12.1% |  | 1 |
| Weissella\_cibaria | 1.7% | 1.7% |  | 1 |