**Supplemental Table 1**. Bacterial species identified in the sequencing analysis of air samples collected at an outdoor U.S. cannabis production facility. The datasets presented include the number of identified clones and relative abundance in personal, greenhouse, drying room and outdoor air samples.

| **Species** | **Personal** | | **Greenhouse** | | **Drying Room** | | **Outdoor** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Count** | **%** | **Count** | **%** | **Count** | **%** | **Count** | **%** |
| **Acidobacteria** |  |  |  |  |  |  |  |  |
| Acidobacteria (class) sp. | 0 | 0.00% | 3 | 2.24% | 2 | 0.59% | 0 | 0.00% |
| Acidobacteria (phylum) sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| Acidobacteriales sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Edaphobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Paludibaculum sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Terriglobus roseus* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| **Actinobacteria** |  |  |  |  |  |  |  |  |
| Acidimicrobia sp. | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Acidimicrobiales sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Acidimicrobium sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Actinobacteria (class) sp. | 4 | 0.79% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| Actinobacteria (phylumn) sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Actinomyces odontolyticus* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Actinomyces sp.* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Actinomycetales sp. | 4 | 0.79% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Actinophytocola sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Actinoplanes sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Actinopolymorpha sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Aeromicrobium ginsengisoli* | 5 | 0.99% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Aeromicrobium massiliense* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Aeromicrobium sp.* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Agreia pratensis* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Agromyces salentinus* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Agromyces sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Amnibacterium kyonggiense* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| *Arthrobacter agilis* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Arthrobacter globiformis* | 6 | 1.18% | 6 | 4.48% | 3 | 0.88% | 2 | 1.82% |
| *Arthrobacter rhombi* | 5 | 0.99% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Arthrobacter roseus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Arthrobacter sp.* | 6 | 1.18% | 5 | 3.73% | 17 | 5.00% | 0 | 0.00% |
| *Blastococcus aggregatus* | 3 | 0.59% | 2 | 1.49% | 1 | 0.29% | 0 | 0.00% |
| *Blastococcus sp.* | 2 | 0.39% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Bogoriellaceae | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Brachybacterium nesterenkovii* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Brachybacterium sacelli* | 1 | 0.20% | 1 | 0.75% | 3 | 0.88% | 0 | 0.00% |
| *Brachybacterium sp.* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Brachybacterium tryofermentans* | 1 | 0.20% | 3 | 2.24% | 1 | 0.29% | 1 | 0.91% |
| *Brevibacterium antarcticum* | 0 | 0.00% | 0 | 0.00% | 4 | 1.18% | 0 | 0.00% |
| *Brevibacterium aurantiacum* | 8 | 1.58% | 2 | 1.49% | 1 | 0.29% | 0 | 0.00% |
| *Brevibacterium picturae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Brevibacterium sp.* | 3 | 0.59% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Cellulomonas sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Cellulomonas xylanilytica* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Cellulosimicrobium sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Clavibacter michiganensis* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Clavibacter sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Conexibacter sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Conexibacteraceae sp. | 2 | 0.39% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| Corynebacteriaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Corynebacterium aurimucosum* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Corynebacterium auriscanis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Corynebacterium pseudodiphtheriticum* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Corynebacterium sp.* | 5 | 0.99% | 0 | 0.00% | 1 | 0.29% | 1 | 0.91% |
| *Corynebacterium sundsvallense* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Corynebacterium timonense* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Corynebacterium ureicelerivorans* | 7 | 1.38% | 0 | 0.00% | 2 | 0.59% | 2 | 1.82% |
| *Corynebacterium xerosis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Curtobacterium sp.* | 6 | 1.18% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Demequina oxidasica* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Dermacoccus sp.* | 3 | 0.59% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Dermatophilaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Diaminobutyricimonas aerilata* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Dietzia cinnamea* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Frigoribacterium faeni* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Frondihabitans sucicola* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Gaiella occulta* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Geodermatophilus sp.* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Gordonia polyisoprenivorans* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Gordonia sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 3 | 2.73% |
| *Gordonia terrae* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Gryllotalpicola kribbensis* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Humibacter albus* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Ilumatobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Intrasporangiaceae sp. | 2 | 0.39% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Janibacter cremeus* | 0 | 0.00% | 0 | 0.00% | 7 | 2.06% | 0 | 0.00% |
| *Kineococcus sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Kineosporia mesophila* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| Kineosporiaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Knoellia sp.* | 6 | 1.18% | 1 | 0.75% | 3 | 0.88% | 0 | 0.00% |
| *Kocuria marina* | 2 | 0.39% | 0 | 0.00% | 6 | 1.76% | 0 | 0.00% |
| *Kocuria palustris* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Kocuria rosea* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Kocuria sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Kribbella endophytica* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Kribbella sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Kytococcus sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Marmoricola sp.* | 6 | 1.18% | 0 | 0.00% | 1 | 0.29% | 1 | 0.91% |
| Microbacteriaceae sp. | 8 | 1.58% | 2 | 1.49% | 2 | 0.59% | 0 | 0.00% |
| *Microbacterium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Microbispora sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Micrococcaceae sp. | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Micrococcus luteus* | 5 | 0.99% | 0 | 0.00% | 4 | 1.18% | 1 | 0.91% |
| *Microlunatus sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Micromonospora sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Micromonosporaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Modestobacter sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Mycobacterium porcinum* | 6 | 1.18% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Mycobacterium sp.* | 4 | 0.79% | 1 | 0.75% | 0 | 0.00% | 1 | 0.91% |
| *Nakamurella sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Nakamurellaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Nocardiaceae sp. | 2 | 0.39% | 1 | 0.75% | 1 | 0.29% | 1 | 0.91% |
| Nocardioidaceae | 7 | 1.38% | 1 | 0.75% | 4 | 1.18% | 0 | 0.00% |
| *Nocardioides aestuarii* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Nocardioides albus* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Nocardioides alkalitolerans* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Nocardioides alpinus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides aquaticus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides caricicola* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Nocardioides dilutus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Nocardioides exalbidus* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Nocardioides ganghwensis* | 2 | 0.39% | 1 | 0.75% | 2 | 0.59% | 0 | 0.00% |
| *Nocardioides ginsengiglaebae* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides iriomotensis* | 2 | 0.39% | 3 | 2.24% | 0 | 0.00% | 1 | 0.91% |
| *Nocardioides jensenii* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides lianchengensis* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Nocardioides rubriscoriae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Nocardioides sp. | 13 | 2.56% | 5 | 3.73% | 7 | 2.06% | 2 | 1.82% |
| *Nocardioides szechwanensis* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides terrigena* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Nocardioides tritolerans* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Nocardiopsis prasina | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Ornithinimicrobium humiphilum* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Ornithinimicrobium sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Oryzihumus leptocrescens* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| *Patulibacter minatonensis* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Promicromonospora sp.* | 4 | 0.79% | 3 | 2.24% | 1 | 0.29% | 0 | 0.00% |
| Propionibacteriaceae | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Propionibacterium acnes* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Propionibacterium granulosum* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Pseudonocardia callicarpae* | 2 | 0.39% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Pseudonocardia sp.* | 1 | 0.20% | 0 | 0.00% | 6 | 1.76% | 0 | 0.00% |
| Pseudonocardiaceae sp. | 4 | 0.79% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Rathayibacter festucae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Rhodococcus sp.* | 2 | 0.39% | 1 | 0.75% | 3 | 0.88% | 0 | 0.00% |
| *Rothia mucilaginosa* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Ruaniaceae sp. | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| Rubrobacteraceae sp. | 2 | 0.39% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Rubrobacterales sp. | 2 | 0.39% | 4 | 2.99% | 0 | 0.00% | 0 | 0.00% |
| Rubrobacteria sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Saccharopolyspora cavernae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Salana sp.* | 0 | 0.00% | 0 | 0.00% | 4 | 1.18% | 0 | 0.00% |
| *Sanguibacter sp.* | 2 | 0.39% | 1 | 0.75% | 3 | 0.88% | 2 | 1.82% |
| *Schumannella sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Solirubrobacter soli* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Solirubrobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Solirubrobacterales sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Sporichthyaceae sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Stackebrandtia sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Streptomyces graminifolii* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Streptomyces sp.* | 12 | 2.37% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Streptomyces thermocoprophilus* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Streptomyces thermoviolaceus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Streptomycetaceae sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Streptosporangium amethystogenes* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Subtercola sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Terrabacter carboxydivorans* | 5 | 0.99% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Tetrasphaera duodecadis* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Tetrasphaera remsis* | 1 | 0.20% | 2 | 1.49% | 2 | 0.59% | 0 | 0.00% |
| *Tetrasphaera sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Thermoleophilum sp.* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Thermomonospora chromogena* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Thermomonospora sp.* | 3 | 0.59% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Williamsia sp.* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| **Bacteroidetes** |  |  |  |  |  |  |  |  |
| *Adhaeribacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Adhaeribacter terreus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Bacteroidales sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Bacteroidetes sp. | 2 | 0.39% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Chitinophaga sp.* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Chitinophagaceae sp. | 3 | 0.59% | 2 | 1.49% | 3 | 0.88% | 0 | 0.00% |
| *Chryseobacterium gregarium* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Chryseobacterium sp.* | 3 | 0.59% | 0 | 0.00% | 3 | 0.88% | 0 | 0.00% |
| *Chryseolinea sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Cloacibacterium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Cytophagaceae sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Cytophagales sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Dyadobacter beijingensis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Dyadobacter hamtensis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Dyadobacter koreensis* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Dyadobacter sp.* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Epilithonimonas ginsengisoli* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 2 | 1.82% |
| *Flavisolibacter sp.* | 0 | 0.00% | 2 | 1.49% | 0 | 0.00% | 0 | 0.00% |
| Flavobacteria sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Flavobacteriaceae sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 1 | 0.91% |
| *Flavobacterium sp.* | 2 | 0.39% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| Fluviicola sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Hymenobacter sp.* | 1 | 0.20% | 0 | 0.00% | 3 | 0.88% | 0 | 0.00% |
| *Leadbetterella sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Mucilaginibacter sp.* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Myroides odoratus* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Niastella sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Pedobacter duraquae* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Pedobacter ginsengisoli* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Pedobacter ginsengiterrae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Pedobacter nutrimenti* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| *Pedobacter sp.* | 6 | 1.18% | 2 | 1.49% | 6 | 1.76% | 2 | 1.82% |
| *Pedobacteria cryoconitis* | 1 | 0.20% | 2 | 1.49% | 1 | 0.29% | 0 | 0.00% |
| *Porphyromonas bennonis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Porphyromonas pasteri* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Rhodothermaceae sp. | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Saprospiraceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Sphingobacteriaceae sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Sphingobacteriales sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 1 | 0.91% |
| *Sphingobacterium shayense* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Sphingobacterium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Spirosoma linguale* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Terrimonas sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| **Candidatus Saccharibacteria** |  |  |  |  |  |  |  |  |
| Candidatus Saccharibacteria sp. | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| **Chlorobi** |  |  |  |  |  |  |  |  |
| Chlorobiales sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| **Chloroflexi** |  |  |  |  |  |  |  |  |
| Anaerolineae sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Caldilinea sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Chloroflexi sp. | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Thermobaculum sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| **Deinococcus-Thermus** |  |  |  |  |  |  |  |  |
| *Deinococcus sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| **Firmicutes** |  |  |  |  |  |  |  |  |
| *Acetivibrio sp.* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Ammoniphilus sp.* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Anaerococcus sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Bacillaceae sp. | 3 | 0.59% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Bacillales sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Bacillus arbutinivorans* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Bacillus asahii* | 2 | 0.39% | 1 | 0.75% | 2 | 0.59% | 0 | 0.00% |
| *Bacillus ginsengihumi* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Bacillus humi* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Bacillus longiquiaesitum* | 9 | 1.78% | 3 | 2.24% | 1 | 0.29% | 0 | 0.00% |
| *Bacillus nealsonii* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Bacillus niacini* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Bacillus smithii* | 2 | 0.39% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Bacillus sp.* | 15 | 2.96% | 1 | 0.75% | 6 | 1.76% | 1 | 0.91% |
| *Bacillus thermolactis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Blautia hansenii* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Caldibacillus debilis* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Clostridiaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Clostridiales sp. | 4 | 0.79% | 2 | 1.49% | 0 | 0.00% | 1 | 0.91% |
| *Clostridium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Cohnella sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Dolosigranulum pigrum* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Enterococcus faecium* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Facklamia languida* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Finegoldia magna* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Firmicutes sp. | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Gemella sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Geobacillus thermantarcticus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Geobacillus thermodenitrificans* | 4 | 0.79% | 2 | 1.49% | 0 | 0.00% | 0 | 0.00% |
| *Halobacillus sp.* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Lactobacillales sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Lactococcus lactis* | 5 | 0.99% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Lysinibacillus massiliensis* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Macrococcus equipercicus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Novibacillus thermophilus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Paenibacillus pectinilyticus* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Paenibacillus sp.* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Peptostreptococcaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Planifilum sp.* | 2 | 0.39% | 2 | 1.49% | 2 | 0.59% | 0 | 0.00% |
| Planococcaceae sp. | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Planococcus sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Planomicrobium glaciei* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Ruminococcaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rummeliibacillus pycnus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Salinicoccus carnicancri* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 2 | 1.82% |
| *Sedimentibacter sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Solibacillus silvestris* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Sporosarcina sp.* | 2 | 0.39% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Staphylococcus epidermidis* | 3 | 0.59% | 0 | 0.00% | 0 | 0.00% | 6 | 5.45% |
| *Staphylococcus equorum* | 1 | 0.20% | 0 | 0.00% | 4 | 1.18% | 0 | 0.00% |
| *Staphylococcus sciuri* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 3 | 2.73% |
| *Streptococcus gordonii* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Streptococcus mitis* | 2 | 0.39% | 0 | 0.00% | 1 | 0.29% | 3 | 2.73% |
| *Streptococcus parasanguinis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Streptococcus sanguinis* | 3 | 0.59% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Streptococcus thermophilus* | 8 | 1.58% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Thermoactinomycetaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Thermoflavimicrobium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Ureibacillus sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Ureibacillus suwonensis* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Ureibacillus terrenus* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Virgibacillus sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Weissella cibaria* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| **Fusobacteria** |  |  |  |  |  |  |  |  |
| *Fusobacterium nucleatum* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| **Gemmatimonadetes** |  |  |  |  |  |  |  |  |
| Gemmatimonadaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Gemmatimonadales sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Gemmatimonadetes sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Gemmatimonas sp.* | 2 | 0.39% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| **Planctomycetes** |  |  |  |  |  |  |  |  |
| Planctomycetaceae sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| Planctomycetacia sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| **Proteobacteria** |  |  |  |  |  |  |  |  |
| *Acetobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Acetobacteraceae sp. | 5 | 0.99% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Acidisphaera sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 1 | 0.91% |
| *Acidovorax valerianellae* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Acinetobacter sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Afipia sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Alcaligenaceae sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Aliihoeflea sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Alphaproteobacteria sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 2 | 1.82% |
| *Altererythrobacter dongtanensis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Altererythrobacter oceanensis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Amaricoccus sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Aquabacterium citratiphilum* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Asaia sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Aurantimonas coralicida* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Azohydromonas australica* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Balneimonas sp.* | 1 | 0.20% | 1 | 0.75% | 2 | 0.59% | 0 | 0.00% |
| *Bdellovibrio sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| Bdellovibrionaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Bradyrhizobiaceae sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Bradyrhizobium elkanii* | 0 | 0.00% | 0 | 0.00% | 10 | 2.94% | 12 | 10.91% |
| *Bradyrhizobium sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Brevundimonas basaltis* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Brevundimonas intermedia* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Brevundimonas sp.* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Burkholderia grimmiae | 3 | 0.59% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Burkholderia sp.* | 0 | 0.00% | 3 | 2.24% | 0 | 0.00% | 1 | 0.91% |
| Burkholderiaceae sp. | 0 | 0.00% | 2 | 1.49% | 0 | 0.00% | 0 | 0.00% |
| Burkholderiales sp. | 3 | 0.59% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Caulobacter sp.* | 3 | 0.59% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| *Chelatococcus sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Comamonas koreensis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Cystobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Cystobacteraceae sp. | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Delftia sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Devosia glacialis* | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| *Devosia hwasunensis* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Devosia sp.* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Duganella sp.* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 1 | 0.91% |
| *Duganella zoogloeoides* | 0 | 0.00% | 0 | 0.00% | 6 | 1.76% | 0 | 0.00% |
| *Endobacter medicaginis* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Erythrobacteraceae sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 3 | 2.73% |
| Gammaproteobacteria sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Geobacter bremensis* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Herbaspirillum aurantiacum* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Herbaspirillum sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| Hydrogenophilaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Hyphomicrobiaceae sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Hyphomicrobium facile* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Hyphomicrobium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Idiomarina sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Ignatzschineria larvae* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Janthinobacterium sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Kaistia sp.* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Kirrobacter mercurialis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Labilithrix luteola* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Labrys methylaminiphilus* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Legionella shakespearei* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Luteimonas lutimaris* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Lysobacter mobilis* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Lysobacter pocheonensis* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Maritimibacter alkaliphilus* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Massilia aurea* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Massilia brevitalea* | 0 | 0.00% | 0 | 0.00% | 4 | 1.18% | 1 | 0.91% |
| *Massilia sp.* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Mesorhizobium sp.* | 2 | 0.39% | 1 | 0.75% | 7 | 2.06% | 0 | 0.00% |
| *Methylibium sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Methylobacillus sp.* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Methylobacterium adhaesivum* | 2 | 0.39% | 0 | 0.00% | 4 | 1.18% | 0 | 0.00% |
| *Methylobacterium brachiatum* | 3 | 0.59% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| Myxococcales sp. | 2 | 0.39% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Neisseria sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Nitrosomonadales sp. | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Nitrosospira sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Novosphingobium arabidopsis* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Novosphingobium sp.* | 1 | 0.20% | 2 | 1.49% | 0 | 0.00% | 0 | 0.00% |
| *Oligoflexus sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Oxalobacter sp.* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| Oxalobacteraceae sp. | 4 | 0.79% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Paracoccus sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Paracraurococcus sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Pelagibacterium halotolerans* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Phenylobacterium muchangponense* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Phenylobacterium sp.* | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Phenylobacterium zucineum* | 1 | 0.20% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Phyllobacterium trifolii* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Polyangiaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Porphyrobacter sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Prosthecomicrobium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Proteobacteria sp. | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Pseudomonas sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Pseudoxanthomonas spadix* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Reyranella sp.* | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Rhizobiaceae sp. | 2 | 0.39% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| Rhizobiales sp. | 4 | 0.79% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Rhizobium metallidurans* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rhizobium sp.* | 3 | 0.59% | 1 | 0.75% | 3 | 0.88% | 1 | 0.91% |
| *Rhizobium tropici* | 5 | 0.99% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rhodanobacter fulvus* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Rhodanobacter terrae* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rhodobacter sphaeroides* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Rhodobacteraceae sp. | 0 | 0.00% | 0 | 0.00% | 2 | 0.59% | 1 | 0.91% |
| Rhodocyclaceae sp. | 2 | 0.39% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rhodomicrobium sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Rhodoplanes sp.* | 0 | 0.00% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| Rhodospirillaceae sp. | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Rickettsiales sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 1 | 0.91% |
| *Roseomonas ludipueritiae* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Roseomonas sp.* | 1 | 0.20% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| *Shinella kummerowiae* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Solimonas soli* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Sphingobium baderi* | 1 | 0.20% | 1 | 0.75% | 1 | 0.29% | 0 | 0.00% |
| Sphingomonadaceae sp. | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Sphingomonas insulae* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Sphingomonas koreensis* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Sphingomonas polyaromaticivorans* | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| *Sphingomonas sp.* | 2 | 0.39% | 2 | 1.49% | 6 | 1.76% | 0 | 0.00% |
| *Sphingopyxis sp.* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| *Stenotrophomonas chelatiphaga* | 1 | 0.20% | 0 | 0.00% | 2 | 0.59% | 0 | 0.00% |
| *Syntrophobacter sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Thermomonas carbonis* | 1 | 0.20% | 0 | 0.00% | 3 | 0.88% | 1 | 0.91% |
| *Variovorax boronicumulans* | 1 | 0.20% | 1 | 0.75% | 0 | 0.00% | 2 | 1.82% |
| *Wolbachia pipientis* | 1 | 0.20% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| Xanthomonadaceae sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 2 | 1.82% |
| *Xanthomonas sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| **Tenericutes** |  |  |  |  |  |  |  |  |
| Acholeplasmatales sp. | 1 | 0.20% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| Mycoplasmataceae sp. | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 2 | 1.82% |
| *Phytoplasma sp.* | 0 | 0.00% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| **Verrucomicrobia** |  |  |  |  |  |  |  |  |
| Verrucomicrobia sp. | 0 | 0.00% | 1 | 0.75% | 0 | 0.00% | 0 | 0.00% |
| **Unclassifed Bacteria** |  |  |  |  |  |  |  |  |
| Unclassified bacteria sp. | 4 | 0.79% | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% |
| **Plantae** |  |  |  |  |  |  |  |  |
| *Cannabis sativa* | 5 | 0.99% | 0 | 0.00% | 1 | 0.29% | 0 | 0.00% |
| *Phytophthora sp.* | 0 | 0.00% | 0 | 0.00% | 0 | 0.00% | 8 | 7.27% |