

Supplementary Table S1.

Relative abundance of the 16S rRNA sequences at different taxonomic levels retrieved from the diversity analysis of the 16S rRNA.

| Taxonomic classification | Relative abundance (%) | | | | | |
|--|------------------------|----------------|----------------|----------------|----------------|----------------|
| | Diesel | Hexane | Heptadecane | Tetracosane | Phenanthrene | Naphthalene |
| Bacteria | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 | 100.000 |
| Acetothermia | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Acetothermia</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| uncultured bacterium | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| Acidobacteria | 0.149 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Acidobacteria</i> | 0.149 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Solibacterales | 0.149 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Solibacteraceae (Subgroup 3)</i> | 0.149 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Bryobacter</i> | 0.121 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Paludibaculum</i> | 0.029 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Thermoanaerobaculia</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| Thermoanaerobaculales | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Thermoanaerobaculaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Thermoanaerobaculum</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| Actinobacteria | 0.000 | 8.695 | 0.004 | 0.000 | 0.004 | 0.000 |
| <i>Actinobacteria</i> | 0.000 | 8.695 | 0.004 | 0.000 | 0.004 | 0.000 |
| Corynebacterales | 0.000 | 8.695 | 0.004 | 0.000 | 0.004 | 0.000 |
| <i>Nocardiaceae</i> | 0.000 | 8.695 | 0.004 | 0.000 | 0.004 | 0.000 |
| <i>Gordonia</i> | 0.000 | 8.695 | 0.004 | 0.000 | 0.004 | 0.000 |
| Bacteroidetes | 16.578 | 0.064 | 1.631 | 4.221 | 0.000 | 0.005 |
| <i>Bacteroidia</i> | 16.578 | 0.064 | 1.631 | 4.221 | 0.000 | 0.005 |
| Bacteroidales | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Rikenellaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| <i>Blvii28 wastewater-sludge group</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| Chitinophagales | 0.185 | 0.000 | 0.048 | 0.316 | 0.000 | 0.000 |
| <i>Chitinophagaceae</i> | 0.185 | 0.000 | 0.048 | 0.316 | 0.000 | 0.000 |
| <i>Filimonas</i> | 0.084 | 0.000 | 0.000 | 0.313 | 0.000 | 0.000 |
| <i>Pseudoflavitalea</i> | 0.070 | 0.000 | 0.048 | 0.003 | 0.000 | 0.000 |
| <i>Terrimonas</i> | 0.031 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Cytrophagales | 0.864 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Spirosomaceae</i> | 0.864 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Dyadobacter</i> | 0.864 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Flavobacteriales | 15.338 | 0.064 | 0.226 | 3.563 | 0.000 | 0.000 |
| <i>Weeksellaceae</i> | 15.338 | 0.064 | 0.226 | 3.563 | 0.000 | 0.000 |
| <i>Chryseobacterium</i> | 15.338 | 0.064 | 0.226 | 3.563 | 0.000 | 0.000 |
| Sphingobacteriales | 0.191 | 0.000 | 1.357 | 0.343 | 0.000 | 0.000 |
| <i>Sphingobacteriaceae</i> | 0.191 | 0.000 | 1.357 | 0.343 | 0.000 | 0.000 |

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|---|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>Nubsella</i> | 0.191 | 0.000 | 0.010 | 0.343 | 0.000 | 0.000 |
| <i>Sphingobacterium</i> | 0.000 | 0.000 | 1.347 | 0.000 | 0.000 | 0.000 |
| Cyanobacteria | 0.000 | 0.044 | 0.116 | 0.089 | 0.093 | 0.108 |
| <i>Oxyphotobacteria</i> | 0.000 | 0.044 | 0.116 | 0.089 | 0.093 | 0.108 |
| Chloroplast | 0.000 | 0.044 | 0.116 | 0.089 | 0.093 | 0.108 |
| Epsilonbacteraeota | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| <i>Campylobacteria</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| Campylobacteriales | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| <i>Thiovulaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| <i>Sulfuricurvum</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| Nitrospirae | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| <i>Thermodesulfovibrionia</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| uncultured | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.052 |
| Proteobacteria | 83.273 | 91.197 | 98.245 | 95.690 | 99.903 | 99.769 |
| <i>Alphaproteobacteria</i> | 20.225 | 1.054 | 0.624 | 1.107 | 40.313 | 0.016 |
| Azospirillales | 1.161 | 0.000 | 0.007 | 0.039 | 0.092 | 0.009 |
| <i>Azospirillaceae</i> | 1.161 | 0.000 | 0.007 | 0.039 | 0.092 | 0.009 |
| <i>Azospirillum</i> | 0.152 | 0.000 | 0.007 | 0.006 | 0.006 | 0.009 |
| <i>Niveispirillum</i> | 1.009 | 0.000 | 0.000 | 0.032 | 0.086 | 0.000 |
| Caulobacteriales | 1.442 | 0.854 | 0.003 | 0.264 | 0.006 | 0.000 |
| <i>Caulobacteraceae</i> | 1.442 | 0.854 | 0.003 | 0.264 | 0.006 | 0.000 |
| <i>Brevundimonas</i> | 0.178 | 0.000 | 0.000 | 0.199 | 0.000 | 0.000 |
| <i>Caulobacter</i> | 0.448 | 0.000 | 0.003 | 0.066 | 0.006 | 0.000 |
| <i>Phenylobacterium</i> | 0.088 | 0.854 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>unknown</i> | 0.728 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Parvibaculales | 3.243 | 0.000 | 0.000 | 0.000 | 0.008 | 0.000 |
| <i>Parvibaculaceae</i> | 3.243 | 0.000 | 0.000 | 0.000 | 0.008 | 0.000 |
| <i>Parvibaculum</i> | 3.243 | 0.000 | 0.000 | 0.000 | 0.008 | 0.000 |
| Rhizobiales | 5.032 | 0.182 | 0.615 | 0.797 | 3.543 | 0.000 |
| <i>Beijerinckiaceae</i> | 2.363 | 0.000 | 0.004 | 0.076 | 0.050 | 0.000 |
| <i>Bosea</i> | 0.303 | 0.000 | 0.000 | 0.076 | 0.050 | 0.000 |
| <i>Camelimonas</i> | 2.060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Methylobacterium</i> | 0.000 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 |
| <i>Kaistiaceae</i> | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Kaistia</i> | 0.024 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Labraceae</i> | 0.031 | 0.000 | 0.323 | 0.000 | 2.458 | 0.000 |
| <i>Labrys</i> | 0.031 | 0.000 | 0.323 | 0.000 | 2.458 | 0.000 |
| <i>Rhizobiaceae</i> | 2.214 | 0.167 | 0.281 | 0.721 | 1.024 | 0.000 |
| <i>Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium</i> | 0.468 | 0.021 | 0.141 | 0.392 | 1.016 | 0.000 |
| <i>Mesorhizobium</i> | 0.013 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Ochrobactrum</i> | 0.470 | 0.000 | 0.118 | 0.218 | 0.009 | 0.000 |
| <i>Shinella</i> | 1.196 | 0.147 | 0.022 | 0.111 | 0.000 | 0.000 |

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|-------------------------------------|---------------|--------------|--------------|--------------|---------------|--------------|
| <i>unknown</i> | 0.066 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Xanthobacteraceae</i> | 0.400 | 0.015 | 0.007 | 0.000 | 0.010 | 0.000 |
| <i>Blastochloris</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.000 |
| <i>Bradyrhizobium</i> | 0.000 | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Rhodoplanes</i> | 0.000 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 |
| <i>Rhodopseudomonas</i> | 0.040 | 0.000 | 0.004 | 0.000 | 0.008 | 0.000 |
| <i>Xanthobacter</i> | 0.310 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>unknown</i> | 0.051 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Rickettsiales</i> | 0.000 | 0.005 | 0.000 | 0.000 | 0.006 | 0.007 |
| <i>Mitochondria</i> | 0.000 | 0.005 | 0.000 | 0.000 | 0.006 | 0.007 |
| <i>unknown</i> | 0.000 | 0.005 | 0.000 | 0.000 | 0.006 | 0.007 |
| <i>Sneathiellales</i> | 0.057 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Sneathiellaceae</i> | 0.057 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Taonella</i> | 0.057 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Sphingomonadales</i> | 9.290 | 0.013 | 0.000 | 0.008 | 36.659 | 0.000 |
| <i>Sphingomonadaceae</i> | 9.290 | 0.013 | 0.000 | 0.008 | 36.659 | 0.000 |
| <i>Novosphingobium</i> | 3.645 | 0.013 | 0.000 | 0.008 | 33.694 | 0.000 |
| <i>Sphingobium</i> | 5.195 | 0.000 | 0.000 | 0.000 | 2.965 | 0.000 |
| <i>Sphingomonas</i> | 0.279 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Sphingopyxis</i> | 0.171 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Gammaproteobacteria</i> | 63.047 | 90.143 | 97.621 | 94.582 | 59.589 | 99.752 |
| <i>Betaproteobacteriales</i> | 29.395 | 0.003 | 5.342 | 4.301 | 5.305 | 0.007 |
| <i>Burkholderiaceae</i> | 29.388 | 0.003 | 5.342 | 4.301 | 5.305 | 0.000 |
| <i>Achromobacter</i> | 2.453 | 0.003 | 4.427 | 2.164 | 4.451 | 0.000 |
| <i>Acidovorax</i> | 0.415 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Aquabacterium</i> | 22.355 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Bordetella</i> | 0.018 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Comamonas</i> | 0.000 | 0.000 | 0.000 | 0.013 | 0.000 | 0.000 |
| <i>Cupriavidus</i> | 1.150 | 0.000 | 0.011 | 0.166 | 0.854 | 0.000 |
| <i>Delftia</i> | 0.893 | 0.000 | 0.880 | 1.623 | 0.000 | 0.000 |
| <i>Diaphorobacter</i> | 0.000 | 0.000 | 0.000 | 0.024 | 0.000 | 0.000 |
| <i>Hydrogenophaga</i> | 0.079 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Pigmentiphaga</i> | 0.620 | 0.000 | 0.024 | 0.251 | 0.000 | 0.000 |
| <i>Pseudorhodoferax</i> | 1.249 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Variovorax</i> | 0.079 | 0.000 | 0.000 | 0.059 | 0.000 | 0.000 |
| <i>unknown</i> | 0.077 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Gallionellaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 |
| <i>Gallionella</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 |
| <i>Rhodocyclaceae</i> | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 |
| <i>Methyloversatilis</i> | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>uncultured</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 |
| <i>Enterobacteriales</i> | 0.011 | 0.000 | 0.055 | 0.000 | 0.000 | 0.000 |
| <i>Enterobacteriaceae</i> | 0.011 | 0.000 | 0.055 | 0.000 | 0.000 | 0.000 |

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|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>Citrobacter</i> | 0.011 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Enterobacter</i> | 0.000 | 0.000 | 0.026 | 0.000 | 0.000 | 0.000 |
| <i>unknown</i> | 0.000 | 0.000 | 0.029 | 0.000 | 0.000 | 0.000 |
| <i>Halothiobacillales</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 |
| <i>Halothiobacillaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 |
| <i>Thiofaba</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.011 |
| <i>Legionellales</i> | 1.253 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Legionellaceae</i> | 1.253 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Legionella</i> | 1.253 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <i>Pseudomonadales</i> | 27.014 | 64.915 | 88.854 | 89.249 | 53.601 | 99.720 |
| <i>Pseudomonadaceae</i> | 27.014 | 64.915 | 88.854 | 89.249 | 53.601 | 99.720 |
| <i>Pseudomonas</i> | 27.014 | 64.915 | 88.854 | 89.249 | 53.601 | 99.720 |
| <i>Thiotrichales</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 |
| <i>Thiotrichaceae</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 |
| <i>Thiothrix</i> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.014 |
| <i>Xanthomonadales</i> | 5.375 | 25.226 | 3.370 | 1.032 | 0.684 | 0.000 |
| <i>Rhodanobacteraceae</i> | 3.289 | 0.000 | 0.000 | 0.006 | 0.000 | 0.000 |
| <i>Dokdonella</i> | 3.289 | 0.000 | 0.000 | 0.006 | 0.000 | 0.000 |
| <i>Xanthomonadaceae</i> | 2.086 | 25.226 | 3.370 | 1.026 | 0.684 | 0.000 |
| <i>Stenotrophomonas</i> | 2.086 | 25.226 | 3.370 | 1.026 | 0.684 | 0.000 |
| <i>Unclassified bacteria</i> | 0.000 | 0.000 | 0.004 | 0.000 | 0.000 | 0.004 |

Relative abundance of CDSs at different taxonomic levels.

| Taxonomic classification | Diesel |
|---------------------------------|---------------|
| Bacteria | 98.32 |
| Actinobacteria | 0.33 |
| Actinobacteria | 0.33 |
| Corynebacteriales | 0.08 |
| Mycobacteriaceae | 0.03 |
| <i>Mycobacterium</i> | 0.03 |
| Nocardiaceae | 0.05 |

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|--------------------------|-------|
| <i>Nocardia</i> | 0.02 |
| <i>Rhodococcus</i> | 0.03 |
| Frankiales | 0.02 |
| Frankiaceae | 0.02 |
| <i>Frankia</i> | 0.02 |
| Jiangellales | 0.01 |
| Jiangellaceae | 0.01 |
| <i>Jiangella</i> | 0.01 |
| Micrococcales | 0.06 |
| Microbacteriaceae | 0.06 |
| <i>Microbacterium</i> | 0.06 |
| Micromonosporales | 0.03 |
| Micromonosporaceae | 0.03 |
| <i>Micromonospora</i> | 0.03 |
| Pseudonocardiales | 0.04 |
| Pseudonocardiaceae | 0.04 |
| <i>Amycolatopsis</i> | 0.02 |
| <i>Pseudonocardia</i> | 0.02 |
| Streptomycetales | 0.09 |
| Streptomycetaceae | 0.09 |
| <i>Streptomyces</i> | 0.09 |
| Bacteroidetes | 4.65 |
| Cytophagia | 1.66 |
| Cytophagales | 1.66 |
| Cytophagaceae | 1.66 |
| <i>Dyadobacter</i> | 1.66 |
| Flavobacteriia | 2.94 |
| Flavobacteriales | 2.94 |
| Flavobacteriaceae | 2.94 |
| <i>Chryseobacterium</i> | 2.82 |
| <i>Elizabethkingia</i> | 0.06 |
| <i>Flavobacteriaceae</i> | 0.02 |
| <i>Flavobacterium</i> | 0.03 |
| <i>Polaribacter</i> | 0.01 |
| Sphingobacteriia | 0.04 |
| Sphingobacteriales | 0.04 |
| Sphingobacteriaceae | 0.04 |
| <i>Pedobacter</i> | 0.02 |
| <i>Sphingobacterium</i> | 0.02 |
| Deinococcus-Thermus | 0.01 |
| Deinococci | 0.01 |
| Deinococcales | 0.01 |
| Deinococcaceae | 0.01 |
| <i>Deinococcus</i> | 0.01 |
| Proteobacteria | 93.33 |

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|-------------------------|-------|
| Alphaproteobacteria | 26.38 |
| Caulobacterales | 2.32 |
| Caulobacteraceae | 2.32 |
| <i>Brevundimonas</i> | 0.28 |
| <i>Caulobacter</i> | 1.47 |
| <i>Phenylobacterium</i> | 0.58 |
| Rhizobiales | 10.80 |
| Aurantimonadaceae | 0.08 |
| <i>Aureimonas</i> | 0.05 |
| <i>Martelella</i> | 0.03 |
| Beijerinckiaceae | 0.03 |
| <i>Methylocella</i> | 0.03 |
| Bradyrhizobiaceae | 2.31 |
| <i>Afipia</i> | 0.04 |
| <i>Bosea</i> | 1.16 |
| <i>Bradyrhizobium</i> | 0.75 |
| <i>Nitrobacter</i> | 0.03 |
| <i>Oligotropha</i> | 0.04 |
| <i>Rhodopseudomonas</i> | 0.28 |
| <i>Variibacter</i> | 0.02 |
| Brucellaceae | 0.46 |
| <i>Brucella</i> | 0.08 |
| <i>Ochrobactrum</i> | 0.38 |
| Chelatococcaceae | 0.53 |
| <i>Chelatococcus</i> | 0.53 |
| Hyphomicrobiaceae | 0.20 |
| <i>Blastochloris</i> | 0.07 |
| <i>Devosia</i> | 0.02 |
| <i>Hyphomicrobium</i> | 0.02 |
| <i>Rhodomicrobium</i> | 0.01 |
| <i>Rhodoplanes</i> | 0.07 |
| Methylobacteriaceae | 0.74 |
| <i>Methylobacterium</i> | 0.63 |
| <i>Microvirga</i> | 0.11 |
| Methylocystaceae | 0.02 |
| <i>Methylocystis</i> | 0.02 |
| Other | 0.04 |
| Other | 0.04 |
| Phyllobacteriaceae | 0.32 |
| <i>Aminobacter</i> | 0.04 |
| <i>Chelativorans</i> | 0.02 |
| <i>Hoeflea</i> | 0.01 |
| <i>Mesorhizobium</i> | 0.25 |
| Rhizobiaceae | 3.82 |
| <i>Agrobacterium</i> | 0.58 |

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|---------------------------|-------|
| <i>Ensifer</i> | 0.10 |
| <i>Neorhizobium</i> | 0.07 |
| <i>Rhizobium</i> | 0.47 |
| <i>Shinella</i> | 1.72 |
| <i>Sinorhizobium</i> | 0.89 |
| Rhodobiaceae | 1.25 |
| <i>Parvibaculum</i> | 1.25 |
| Xanthobacteraceae | 1.02 |
| <i>Azorhizobium</i> | 0.26 |
| <i>Starkeya</i> | 0.15 |
| <i>Xanthobacter</i> | 0.61 |
| Rhodobacterales | 0.22 |
| Hyphomonadaceae | 0.02 |
| <i>Hyphomonas</i> | 0.02 |
| Rhodobacteraceae | 0.21 |
| <i>Celeribacter</i> | 0.02 |
| <i>Defluviimonas</i> | 0.03 |
| <i>Pannonibacter</i> | 0.03 |
| <i>Paracoccus</i> | 0.04 |
| <i>Rhodobacter</i> | 0.04 |
| <i>Rhodovulum</i> | 0.01 |
| <i>Stappia</i> | 0.02 |
| <i>Yangia</i> | 0.01 |
| Rhodospirillales | 1.00 |
| Acetobacteraceae | 0.07 |
| <i>Acidiphilium</i> | 0.02 |
| <i>Gluconacetobacter</i> | 0.01 |
| <i>Roseomonas</i> | 0.03 |
| Rhodospirillaceae | 0.93 |
| <i>Azospirillum</i> | 0.59 |
| <i>Magnetospirillum</i> | 0.07 |
| <i>Rhodospirillum</i> | 0.20 |
| <i>Tistrella</i> | 0.08 |
| Sphingomonadales | 11.96 |
| Erythrobacteraceae | 0.12 |
| <i>Altererythrobacter</i> | 0.04 |
| <i>Croceicoccus</i> | 0.02 |
| <i>Erythrobacter</i> | 0.04 |
| <i>Porphyrobacter</i> | 0.02 |
| Sphingomonadaceae | 11.84 |
| <i>Blastomonas</i> | 0.04 |
| <i>Citromicrobium</i> | 0.02 |
| <i>Novosphingobium</i> | 3.49 |
| <i>Sphingobium</i> | 4.12 |
| <i>Sphingomonas</i> | 1.28 |

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| <i>Sphingopyxis</i> | 2.89 |
| unclassified | 0.07 |
| unclassified | 0.07 |
| <i>Polymorphum</i> | 0.07 |
| Betaproteobacteria | 39.32 |
| Burkholderiales | 38.92 |
| Alcaligenaceae | 13.08 |
| <i>Achromobacter</i> | 11.07 |
| <i>Bordetella</i> | 1.87 |
| <i>Castellaniella</i> | 0.11 |
| <i>Pigmentiphaga</i> | 0.03 |
| Burkholderiaceae | 8.91 |
| <i>Burkholderia</i> | 0.85 |
| <i>Cupriavidus</i> | 6.99 |
| <i>Pandoraea</i> | 0.10 |
| <i>Paraburkholderia</i> | 0.04 |
| <i>Ralstonia</i> | 0.93 |
| Comamonadaceae | 15.08 |
| <i>Acidovorax</i> | 2.62 |
| <i>Alicyciphilus</i> | 0.62 |
| <i>Comamonas</i> | 0.26 |
| <i>Curvibacter</i> | 0.01 |
| <i>Delftia</i> | 6.19 |
| <i>Hydrogenophaga</i> | 0.93 |
| <i>Limnohabitans</i> | 0.02 |
| Other | 0.02 |
| <i>Ottowia</i> | 0.01 |
| <i>Polaromonas</i> | 0.19 |
| <i>Ramlibacter</i> | 0.85 |
| <i>Rhodoferax</i> | 0.97 |
| <i>Variovorax</i> | 2.29 |
| <i>Verminephrobacter</i> | 0.10 |
| Oxalobacteraceae | 0.31 |
| <i>Collimonas</i> | 0.03 |
| <i>Herbaspirillum</i> | 0.08 |
| <i>Janthinobacterium</i> | 0.05 |
| <i>Massilia</i> | 0.14 |
| unclassified | 1.47 |
| <i>Aquabacterium</i> | 0.04 |
| <i>Leptothrix</i> | 0.37 |
| <i>Methylibium</i> | 0.45 |
| <i>Mitsuaria</i> | 0.17 |
| <i>Roseateles</i> | 0.13 |
| <i>Rubrivivax</i> | 0.32 |
| unclassifiedBurkholderiales | 0.06 |

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|---------------------------|-------|
| <i>Paucibacter</i> | 0.06 |
| unclassified | 0.02 |
| <i>Thiomonas</i> | 0.02 |
| Neisseriales | 0.10 |
| Chromobacteriaceae | 0.10 |
| <i>Chromobacterium</i> | 0.04 |
| <i>Jeongeupia</i> | 0.02 |
| <i>Pseudogulbenkiania</i> | 0.02 |
| <i>Vogesella</i> | 0.02 |
| Nitrosomonadales | 0.05 |
| Sterolibacteriaceae | 0.05 |
| <i>Methyloversatilis</i> | 0.04 |
| <i>Sulfuritalea</i> | 0.01 |
| Rhodocyclales | 0.23 |
| Azonexaceae | 0.02 |
| <i>Dechloromonas</i> | 0.02 |
| Rhodocyclaceae | 0.02 |
| <i>Dechlorosoma</i> | 0.02 |
| Zoogloeaceae | 0.19 |
| <i>Azoarcus</i> | 0.12 |
| <i>Thauera</i> | 0.07 |
| unclassified | 0.02 |
| unclassified | 0.02 |
| Betaproteobacteria | 0.02 |
| Deltaproteobacteria | 0.35 |
| Myxococcales | 0.35 |
| Anaeromyxobacteraceae | 0.01 |
| <i>Anaeromyxobacter</i> | 0.01 |
| Myxococcaceae | 0.03 |
| <i>Myxococcus</i> | 0.03 |
| Polyangiaceae | 0.31 |
| <i>Polyangium</i> | 0.30 |
| <i>Sorangium</i> | 0.01 |
| Gammaproteobacteria | 27.28 |
| Aeromonadales | 0.01 |
| Aeromonadaceae | 0.01 |
| <i>Aeromonas</i> | 0.01 |
| Chromatiales | 0.01 |
| Ectothiorhodospiraceae | 0.01 |
| <i>Thioalkalivibrio</i> | 0.01 |
| Enterobacterales | 0.04 |
| Enterobacteriaceae | 0.03 |
| <i>Klebsiella</i> | 0.03 |
| Yersiniaceae | 0.02 |
| <i>Serratia</i> | 0.02 |

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|--------------------------|-------|
| Immundisolibacterales | 0.01 |
| Immundisolibacteraceae | 0.01 |
| <i>Immundisolibacter</i> | 0.01 |
| Legionellales | 0.14 |
| Legionellaceae | 0.14 |
| <i>Legionella</i> | 0.12 |
| <i>Tatlockia</i> | 0.02 |
| Oceanospirillales | 0.05 |
| Alcanivoracaceae | 0.02 |
| <i>Alcanivorax</i> | 0.02 |
| Halomonadaceae | 0.03 |
| <i>Halomonas</i> | 0.02 |
| <i>Halotalea</i> | 0.01 |
| Pseudomonadales | 15.64 |
| Pseudomonadaceae | 15.64 |
| <i>Azotobacter</i> | 0.11 |
| <i>Pseudomonas</i> | 15.53 |
| Xanthomonadales | 11.36 |
| Rhodanobacteraceae | 3.54 |
| <i>Dokdonella</i> | 3.45 |
| <i>Dyella</i> | 0.06 |
| <i>Rhodanobacter</i> | 0.03 |
| Xanthomonadaceae | 7.82 |
| <i>Luteimonas</i> | 0.02 |
| <i>Lysobacter</i> | 0.20 |
| <i>Pseudoxanthomonas</i> | 0.14 |
| <i>Stenotrophomonas</i> | 7.19 |
| <i>Xanthomonas</i> | 0.28 |
| Other | 1.68 |