

Supplementary file 5. Relative abundance of both, the 16S rRNA sequences and CDSs from the metagenome annotation assigned to the genus level.

Relative abundance of 16S rRNA and number of sequences assigned to the genus level retrieved from the diversity analysis of the 16S rRNA.

Taxonomic classification	Abundance (%)	Sequences No.
Bacteria	99.99%	44,641
Actinobacteria	2.32%	1,036
Actinobacteria	2.32%	966
Corynebacteriales	2.16%	966
Nocardiaceae	2.16%	966
<i>Rhodococcus</i>	2.16%	966
Micrococcales	0.16%	70
Microbacteriaceae	0.16%	70
<i>Microbacterium</i>	0.16%	70
Bacteroidetes	2.50%	1,117
Sphingobacteriia	2.50%	1,117
Sphingobacteriales	2.50%	1,117
Chitinophagaceae	0.11%	50
<i>Chitinophaga</i>	0.01%	4
<i>Filimonas</i>	0.02%	10
<i>Niabella</i>	0.08%	36
Sphingobacteriaceae	2.39%	1,067
<i>Nubsella</i>	2.39%	1,067
Proteobacteria	95.17%	42,488
Alphaproteobacteria	1.57%	700
Caulobacterales	0.06%	29
Caulobacteraceae	0.06%	29
<i>Caulobacter</i>	0.06%	29
Rhizobiales	1.50%	617
Bradyrhizobiaceae	0.13%	59
<i>Bosea</i>	0.13%	59
Hyphomicrobiaceae	0.02%	10
<i>Devosia</i>	0.02%	10
Rhizobiaceae	0.45%	199
<i>Rhizobium</i>	0.45%	199
Betaproteobacteria	56.05%	25,023
Burkholderiales	56.04%	25,017
Alcaligenaceae	54.50%	24,331
<i>Achromobacter</i>	12.67%	5,658
<i>Bordetella</i>	21.28%	9,502
<i>Pigmentiphaga</i>	20.54%	9,171
Burkholderiaceae	1.51%	675
<i>Cupriavidus</i>	1.51%	675
Comamonadaceae	0.02%	11
<i>Aquabacterium</i>	0.02%	11
Methylophilales	0.01%	6
Methylophilaceae	0.01%	6
<i>Methylobacillus</i>	0.01%	6
Gammaproteobacteria	37.55%	16,765
Pseudomonadales	28.97%	12,934
Pseudomonadaceae	28.97%	12,934
<i>Pseudomonas</i>	28.97%	12,934
Xanthomonadales	8.57%	3,825
Xanthomonadaceae	8.57%	3,825
<i>Stenotrophomonas</i>	8.57%	3,825
Unassigned	0.92%	412
Total	100.00%	44,644

Relative abundance of CDSs and number of sequences assigned to the genus level retrieved from the whole-metagenome annotations.

Taxonomic classification	Abundance (%)^a	Sequences No.
Bacteria	98.18%	46,822
Actinobacteria	11.97%	5,706
Actinobacteria	11.97%	5,706
Corynebacteriales	8.28%	3,950
Mycobacteriaceae	0.10%	49
<i>Mycobacterium</i>	0.10%	49
Nocardiaceae	8.18%	3,901
<i>Rhodococcus</i>	8.18%	3,901
Micrococcales	3.68%	1,756
Microbacteriaceae	3.68%	1,756
<i>Microbacterium</i>	3.59%	1,713
<i>Agromyces</i>	0.09%	43
Bacteroidetes	0.12%	58
Sphingobacteriia	0.12%	58
Sphingobacteriales	0.12%	58
Sphingobacteriaceae	0.12%	58
<i>Pedobacter</i>	0.12%	58
Proteobacteria	86.10%	41,058
Alphaproteobacteria	0.97%	464
Rhizobiales	0.97%	464
Brucellaceae	0.56%	267
<i>Brucella</i>	0.19%	89
<i>Ochrobactrum</i>	0.37%	178
Rhizobiaceae	0.41%	197
<i>Agrobacterium</i>	0.41%	197
Betaproteobacteria	30.56%	14,575
Burkholderiales	30.56%	14,575
Alcaligenaceae	21.64%	10,318
<i>Achromobacter</i>	9.88%	4,713
<i>Bordetella</i>	11.75%	5,605
Burkholderiaceae	8.74%	4,168
<i>Burkholderia</i>	0.21%	101
<i>Cupriavidus</i>	7.62%	3,636
<i>Ralstonia</i>	0.90%	431
Comamonadaceae	0.19%	89
<i>Delftia</i>	0.10%	48
<i>Variovorax</i>	0.09%	41
Gammaproteobacteria	54.56%	26,019
Pseudomonadales	41.57%	19,822
Pseudomonadaceae	41.57%	19,822
<i>Pseudomonas</i>	41.57%	19,822
Xanthomonadales	12.99%	6,197
Xanthomonadaceae	12.99%	6,197
<i>Stenotrophomonas</i>	12.99%	6,197
Other genera	1.82%	867
Total assigned^b	71.2%	47,689
Unassigned^b	28.78%	19,278
Total CDSs^b	100%	66,967

^aPercentages according to total assigned CDSs.

^bPercentages according to total CDSs.