**S1 Table. Top 10 genera in the different compartments.**

|  |  |  |
| --- | --- | --- |
| **Plant compartment** | **Genus** | **Relative abundance (%)** |
| **Jiuxin16L** | **Jiuxing18L** | **jiuxing23L** | **Mean** |
| Root endosphere | *Lechevalieria* | 29.45  | 22.20  | 3.39  | 18.35  |
| *Streptomyces* | 13.42  | 2.94  | 13.61  | 9.99  |
| *Pseudoduganella* | 10.18  | 0.52  | 2.00  | 4.23  |
| *unclassified\_f\_\_Burkholderiaceae* | 2.46  | 0.69  | 4.05  | 2.40  |
| *Marmoricola* | 2.44  | 0.46  | 1.34  | 1.41  |
| *Bradyrhizobium* | 2.15  | 1.93  | 1.36  | 1.81  |
| *Actinocorallia* | 1.93  | 0.00  | 0.80  | 0.91  |
| *Phycicoccus* | 1.90  | 0.27  | 1.07  | 1.08  |
| *unclassified\_f\_\_Micromonosporaceae* | 1.77  | 0.12  | 0.74  | 0.88  |
| *Burkholderia-Caballeronia-Paraburkholderia* | 1.62  | 1.79  | 17.53  | 6.98  |
| **Total** | **67.31**  | **30.91**  | **45.87**  | **48.03**  |
| Rhizosphere soil | *Burkholderia-Caballeronia-Paraburkholderia* | 3.06  | 5.96  | 22.50  | 10.51  |
| *norank\_o\_\_Gaiellales* | 8.08  | 7.19  | 8.71  | 7.99  |
| *Streptomyces* | 6.17  | 5.01  | 4.84  | 5.34  |
| *Lechevalieria* | 9.71  | 1.01  | 0.25  | 3.65  |
| *norank\_f\_\_67-14* | 1.52  | 4.15  | 2.14  | 2.61  |
| *Bacillus* | 3.05  | 1.22  | 3.18  | 2.48  |
| *Sphingomonas* | 1.69  | 3.76  | 1.75  | 2.40  |
| *norank\_f\_\_JG30-KF-AS9* | 2.19  | 2.23  | 2.48  | 2.30  |
| *Conexibacter* | 1.76  | 2.65  | 1.74  | 2.05  |
| *Jatrophihabitans* | 1.41  | 2.25  | 2.26  | 1.97  |
| **Total** | **38.65**  | **35.42**  | **49.85**  | **41.31**  |
| Leaf endosphere | *Sphingomonas* | 20.28  | 23.26  | 37.31  | 26.95  |
| *Methylobacterium* | 24.57  | 7.70  | 22.08  | 18.12  |
| *Curtobacterium* | 8.18  | 4.64  | 4.61  | 5.81  |
| *Pantoea* | 10.97  | 4.10  | 0.72  | 5.26  |
| *Chryseobacterium* | 5.54  | 4.32  | 3.98  | 4.62  |
| *Massilia* | 4.87  | 5.94  | 1.02  | 3.94  |
| *Brevundimonas* | 2.45  | 5.75  | 3.15  | 3.78  |
| *Comamonas* | 1.85  | 7.12  | 2.08  | 3.69  |
| *Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium* | 2.89  | 4.66  | 3.43  | 3.66  |
| *Microbacterium* | 3.19  | 1.08  | 4.05  | 2.77  |
| **Total** | **84.79**  | **68.56**  | **82.43**  | **78.59**  |
| Phylloplane | *Sphingomonas* | 20.95  | 20.59  | 21.82  | 21.12  |
| *Curtobacterium* | 12.00  | 7.70  | 18.41  | 12.70  |
| *Chryseobacterium* | 8.10  | 9.46  | 13.80  | 10.45  |
| *Massilia* | 7.93  | 12.96  | 2.17  | 7.69  |
| *Methylobacterium* | 7.39  | 4.74  | 10.47  | 7.53  |
| *Pantoea* | 4.98  | 5.31  | 3.48  | 4.59  |
| *Pseudomonas* | 4.58  | 4.33  | 1.78  | 3.57  |
| *Brevundimonas* | 5.07  | 3.45  | 1.97  | 3.50  |
| *Stenotrophomonas* | 1.87  | 4.46  | 3.40  | 3.24  |
| *Microbacterium* | 2.80  | 3.80  | 2.92  | 3.18  |
| **Total** | **75.68**  | **76.79**  | **80.22**  | **77.56**  |
| Stem endosphere | *Sphingomonas* | 26.96  | 32.20  | 21.82  | 26.99  |
| *Methylobacterium* | 8.28  | 15.95  | 10.47  | 11.57  |
| *Curtobacterium* | 6.69  | 8.48  | 18.41  | 11.19  |
| *Chryseobacterium* | 0.37  | 1.28  | 13.80  | 5.15  |
| *Pseudomonas* | 9.78  | 3.29  | 1.78  | 4.95  |
| *Pantoea* | 3.78  | 6.30  | 3.48  | 4.52  |
| *Brevundimonas* | 6.00  | 5.17  | 1.97  | 4.38  |
| *Comamonas* | 7.97  | 1.32  | 0.85  | 3.38  |
| *Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium* | 2.92  | 3.90  | 1.53  | 2.78  |
| *Stenotrophomonas* | 0.87  | 3.10  | 3.40  | 2.46  |
| **Total** | **73.61**  | **80.99**  | **77.52**  | **77.37**  |