**Table S5** Bacterial genera identified from the soil surrounding cassava tubers at the Nampong and Seungsang sites, 2, 5, and 10 months after planting (MAP).

| Identified bacterial genera | | |
| --- | --- | --- |
| 2 MAP | 5 MAP | 10 MAP |
| 1\_Unclassified Acidobacteriales  2\_uncultured Acidobacteria bacterium  3\_Uncultured bacterium in Acidobacteriales  4\_Bryobacter  5\_Candidatus Solibacter  6\_Uncultured bacterium in Blastocatellia (Subgroup 4)  7\_RB41  8\_Uncultured bacterium in Acidobacteria  9\_Uncultured bacterium in Acidimicrobiia  10\_Mycobacterium  11\_Nocardia  12\_Acidothermus  13\_Glycomyces  14\_Unclassified Intrasporangiaceae  15\_Microbacterium  16\_Pseudarthrobacter  17\_Isoptericola  18\_Unclassified Micromonosporaceae  19\_Micromonospora  20\_Nocardioides  21\_Microlunatus  22\_Saccharomonospora  23\_Streptomyces  24\_Actinomadura  25\_Uncultured bacterium in Actinobacteria  26\_Rubrobacter  27\_Gaiella  28\_Uncultured bacterium in Gaiellales  29\_Uncultured bacterium in Solirubrobacterales  30\_Conexibacter  31\_Chitinophaga  32\_Terrimonas  33\_Ohtaekwangia  34\_Uncultured bacterium in Microscillaceae  35\_Dyadobacter  36\_Flavobacterium  37\_Chryseobacterium  38\_Unclassified Sphingobacteriales  39\_Sphingobacterium  40\_Uncultured bacterium in Anaerolineae  41\_Herpetosiphon  42\_Uncultured bacterium in Roseiflexaceae  43\_Uncultured bacterium in Chloroflexi  44\_Tumebacillus  45\_Unclassified Bacillaceae  46\_Bacillus  47\_Fictibacillus  48\_Gracilibacillus  49\_Oceanobacillus  50\_Virgibacillus  51\_Ammoniphilus  52\_Brevibacillus  53\_Paenibacillus  54\_Lysinibacillus  55\_Staphylococcus  56\_Kroppenstedtia  57\_Thermoactinomyces  58\_Clostridium sensu stricto 1  59\_Romboutsia  60\_Uncultured bacterium in Gemmatimonadaceae  61\_Nitrospira  62\_Dongia  63\_Uncultured bacterium in Elsterales  64\_Microvirga  65\_Devosia  66\_Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium  67\_Ensifer  68\_Mesorhizobium  69\_Ochrobactrum  70\_Shinella  71\_Bradyrhizobium  72\_Uncultured bacterium in Xanthobacteraceae  73\_Sphingobium  74\_Sphingomonas  75\_Bdellovibrio  76\_Unclassified bacteriap25  77\_Unclassified Burkholderiaceae  78\_Azohydromonas  79\_Burkholderia-Caballeronia-Paraburkholderia  80\_Comamonas  81\_Cupriavidus  82\_Massilia  83\_Ralstonia  84\_Roseateles  85\_Unclassified Enterobacteriaceae  86\_Enterobacter  87\_Klebsiella  88\_Kosakonia  89\_Acidibacter  90\_Acinetobacter  91\_Pseudomonas  92\_Steroidobacter  93\_Stenotrophomonas  94\_Candidatus Udaeobacter  95\_Uncultured bacterium in WPS-2 | 1\_Uncultured Acidobacteria bacterium  2\_Uncultured bacterium in Acidobacteriales  3\_Bryobacter  4\_Candidatus Solibacter  5\_RB41  6\_Uncultured bacterium in Acidobacteria  7\_Uncultured bacterium in Acidimicrobiia  8\_Uncultured Ilumatobacteraceae  9\_Uncultured bacterium in Microtrichales  10\_Catenulispora  11\_Mycobacterium  12\_Nocardia  13\_Acidothermus  14\_Jatrophihabitans  15\_Geodermatophilus  16\_Microbacterium  17\_Micromonospora  18\_Uncultured Micromonosporaceae  19\_Nocardioides  20\_Microlunatus  21\_Crossiella  22\_Pseudonocardia  23\_Kitasatospora  24\_Streptomyces  25\_Actinomadura  26\_Uncultured bacterium in Actinobacteria  27\_Rubrobacter  28\_Gaiella  29\_Uncultured bacterium in Gaiellales  30\_Uncultured bacterium in Solirubrobacterales  31\_Conexibacter  32\_Solirubrobacter  33\_Dysgonomonas  34\_Uncultured Microscillaceae  35\_Flavobacterium  36\_Uncultured Roseiflexaceae  37\_Uncultured bacterium Thermomicrobiales  38\_Uncultured bacterium in Chloroflexi  39\_Uncultured bacterium in Ktedonobacteria  40\_Uncultured bacterium in Ktedonobacterales  41\_1921-2  42\_FCPS473  43\_Uncultured Ktedonobacteraceae  44\_Uncultured bacterium in Chloroflexi  45\_Microcoleus SAG 1449-1a  46\_Tumebacillus  47\_Bacillus  48\_Listeria  49\_Ammoniphilus  50\_Paenibacillus  51\_Sporolactobacillus  52\_Lactobacillus  53\_Weissella  54\_Clostridium sensu stricto 1  55\_Clostridium sensu stricto 12  56\_Gemmatimonas  57\_Uncultured Gemmatimonadaceae  58\_Nitrospira  59\_Azospirillum  60\_SWB02  61\_Dongia  62\_Uncultured bacterium in Elsterales  63\_Reyranella  64\_Microvirga  65\_Pedomicrobium  66\_Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium  67\_Bradyrhizobium  68\_Uncultured Xanthobacteraceae  69\_Sphingomonas  70\_Anaeromyxobacter  71\_Uncultured bacterium in Myxococcales  72\_Haliangium  73\_Uncultured Sandaracinaceae  74\_Uncultured bacterium in Deltaproteobacteria  75\_Burkholderia-Caballeronia-Paraburkholderia  76\_Comamonas  77\_Cupriavidus  78\_Massilia  79\_Ralstonia  80\_MND1  81\_Uncultured bacterium in Gammaproteobacteria  82\_Cellvibrio  83\_Enterobacter  84\_Klebsiella  85\_Acidibacter  86\_Pseudomonas  87\_Arenimonas  88\_Pseudoxanthomonas  89\_Uncultured bacterium in Rokubacteriales  90\_Candidatus\_Udaeobacter  91\_Verrucomicrobium  92\_Uncultured bacterium in WPS-2 | 1\_Uncultured Acidobacteria bacterium  2\_Uncultured bacterium in Acidobacteriales  3\_Bryobacter  4\_Candidatus Solibacter  5\_RB41  6\_Uncultured bacterium in Acidobacteria  7\_Uncultured bacterium in Acidimicrobiia  8\_Uncultured Ilumatobacteraceae  9\_Uncultured bacterium in Microtrichales  10\_Mycobacterium  11\_Nocardia  12\_Acidothermus  13\_Jatrophihabitans  14\_Blastococcus  15\_Geodermatophilus  16\_Agromyces  17\_Microbacterium  18\_Pseudarthrobacter  19\_Cellulosimicrobium  20\_Isoptericola  21\_Catellatospora  22\_Dactylosporangium  23\_Micromonospora  24\_Kribbella  25\_Nocardioides  26\_Microlunatus  27\_Crossiella  28\_Pseudonocardia  29\_Saccharopolyspora  30\_Streptomyces  31\_Nonomuraea  32\_Actinomadura  33\_Uncultured bacterium in Actinobacteria  34\_Rubrobacter  35\_Gaiella  36\_Uncultured bacterium in Gaiellales  37\_Uncultured bacterium in Solirubrobacterales  38\_Conexibacter  39\_Solirubrobacter  40\_Uncultured Roseiflexaceae  41\_Uncultured bacterium in Thermomicrobiales  42\_Uncultured bacterium in Chloroflexi  43\_Uncultured bacterium in Ktedonobacterales  44\_FCPS473  45\_Uncultured bacterium in Chloroflexi  46\_Tumebacillus  47\_Bacillus  48\_Fictibacillus  49\_Ammoniphilus  50\_Paenibacillus  51\_Lysinibacillus  52\_Uncultured Gemmatimonadaceae  53\_Uncultured bacterium in Longimicrobiaceae  54\_Dongia  55\_Uncultured bacterium in Elsterales  56\_Reyranella  57\_Microvirga  58\_Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium  59\_Mesorhizobium  60\_Ochrobactrum  61\_Nordella  62\_Bradyrhizobium  63\_uncultured Xanthobacteraceae  64\_Sphingomonas  65\_Burkholderia-Caballeronia-Paraburkholderia  66\_Massilia |