

40 *Populus deltoides* Microbiome Genomes

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Funding Source: DOE Office of Biological and Environmental Research, Genomic Science Program

- To aid in the investigation of the *Populus deltoides* microbiome, we generated draft genome sequences for twenty-one *Pseudomonas* and nineteen other diverse bacteria isolated from *Populus deltoides* roots
- Draft genome sequences for isolates similar to *Acidovorax*, *Bradyrhizobium*, *Brevibacillus*, *Caulobacter*, *Chryseobacterium*, *Flavobacterium*, *Herbaspirillum*, *Novosphingobium*, *Pantoea*, *Phyllobacterium*, *Polaromonas*, *Rhizobium*, *Sphingobium* and *Variovorax* were generated and comparative genomic studies are underway.

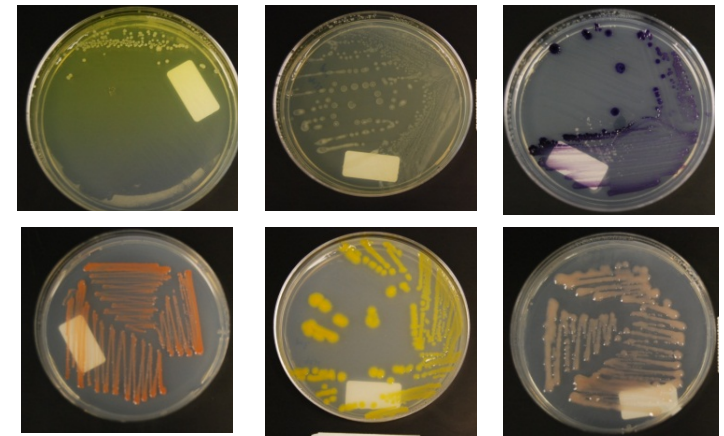


Figure 1. Bacterial isolates from the *Populus* Rhizosphere and Endosphere



Figure 3. Cluster generation and sequencing.

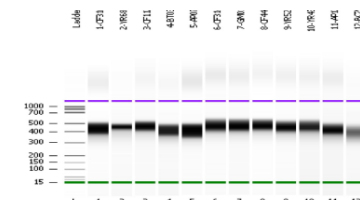
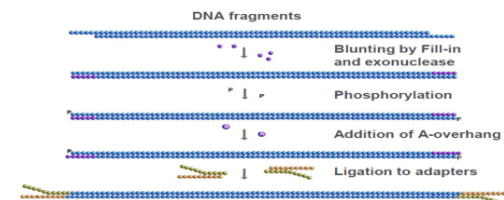


Figure 2. Library preparation and QC analysis

