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JGI Microbial Sequencing Process

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JGI Microbial Sequencing Process

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JGI Microbial process has undergone through major changes in the last year. The implementation of the new sequencing technologies, Roche 454 and Illumina, have been the key factor in migrating the microbial draft sequencing from the older Sanger pipeline to the new 454 and Illumina pipelines. This poster will present the current sequencing process for the microbial genomes at the PGF, Walnut Creek facility. Scope of Work for microbial projects will be discussed as well as the production workflow process steps from the DNA receipt to finishing. A brief summary of each process step will be provided as well as important statistics for the area. Scheduling will be addressed to show how the two separate pipelines are managed for project scheduling and synched in order to produce a complete dataset at the end. The poster will also provide information on the current number of microbes in process and the PMO forecast for the year.

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