Fueling the Future with Fungal Genomes

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Genomes of fungi relevant to energy and environment are in focus of the JGI Fungal Genomic Program. One of its projects, the Genomics Encyclopedia of Fungi, targets fungi related to plant health (symbionts and pathogens) and bioenergy processes (cellulose degradation and sugar fermentation) by means of genome sequencing and analysis. New chapters of the Encyclopedia can be opened with user proposals to the JGI Community Science Program (CSP).

Another JGI project, the 1000 fungal genomes, explores fungal diversity on biorefinery processes (cellulose degradation and sugar fermentation) by means of sequencing. Over 400 fungal genomes have been sequenced by JGI to date and opened with user proposals to the JGI Community Science Program (CSP).

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