

Enhancing Fungi Research with Creative Biogene's Fungal Genome Editing Service: More Professional and Faster

Creative Biogene released one-stop fungal genome editing services with flexible technologies to assist scientific researchers in exploring gene functions and modifying fungal genomes.

New York City, New York May 27, 2022 ([IssueWire.com](https://www.issuewire.com)) - Creative Biogene today released its one-stop fungal genome editing services with flexible technologies to assist scientific researchers in exploring gene functions and modifying fungal genomes. After years of technology accumulation, transformation and genome modification have been successfully achieved in fungi, such as yeasts (e.g. *Pichia pastoris*, *Saccharomyces cerevisiae*), *Candida albicans*, *Talaromyces marneffe*, *Monascus*, *Aspergillus niger*, *Penicillium*, *Rhizopus*, *Mucor*.

Early microbial genome editing mainly focused on random screening and simple rational screening, but the traditional methods gradually exposed the disadvantages of time-consuming, laborious, heavy workload and no directional mutation results over time. With the development of modern molecular biology techniques, many new methods of microbial breeding with more directional and forward mutations have emerged, which greatly promote the accuracy and efficiency of microbial genome editing. Creative Biogene has launched comprehensive [microbial genome editing](#) services targeted to various microbes based on the homologous recombination approach and the CRISPR/Cas9 platform.

Creative Biogene, as a specialized microbe research institution in the United States, can work with microbiologists to modify fungal genomes and better understand gene functions through the use of CRISPR/Cas9 gene editing, T-DNA insertion, homologous recombination, RNA interference, and other technologies. Various fungi have differences in the efficiencies of transformation, expression systems, and gene editing. Microbialtec is well versed in the homologous recombination approach as well as CRISPR/Cas9 technology and equipped with a mature microbial genome editing platform, thereby enabling the success of final strains.

The project director at Creative Biogene said, "We are gene-editing experts and possess rich expertise in fungi. Our [fungal genome editing](#) service is rather mature and our service process is very convenient for clients. From project evaluation and design of gene-editing experiments to sequencing and identification of the edited strains, the project manager can provide real-time reports to customers. We can also provide customized genome editing services for other fungi according to clients' requirements."

About Creative Biogene

Creative Biogene is a recognized comprehensive biotechnology company in the United States. It's a forward-looking research institution and a leading customer service provider in the field of microbial genome editing. Microbialtec is committed to providing researchers with the best genome editing

services including knockout, knock-in, and mutations. The available species are *Escherichia Coli*, *Bacillus Subtilis*, *Salmonella*, *Lactobacillus*, etc. The whole process is focused on making an informed decision so that clients can move forward with confidence.

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Source : Creative Biogene

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