

# Site-Directed Mutagenesis Services

## 100% Confidence in Your Mutants from the Most Trusted Sequencing Provider!

GENEWIZ's Site-Directed Mutagenesis service provides a reliable solution for your mutagenesis project. GENEWIZ increases your research productivity by performing time-consuming site-directed mutagenesis projects efficiently, with fast in-house sequence confirmation.

Eliminate the possibility of having undesired mutations in your gene. We will generate the desired mutant so that you can focus on those steps critical to your research.



### Service Overview

- Any form of single, multiple (substitutions, insertions, deletions or truncations) or random mutations
- Any size or number of mutations/variants
- **Gene Synthesis Service** for multiple challenging mutations/variants
- Gene synthesis plus mutagenesis service bundling to save costs

### Advantages

- From 5 working days for delivery of sequence-confirmed mutants
- Multiple mutations in one reaction; successful large deletion / insertion protocol
- Optimized, proprietary GENEWIZ protocol for greater reliability
- Mutagenized genes are sequenced by our award-winning service
- High-fidelity enzymes minimize PCR errors
- Competitive, reaction-based pricing

### APPLICATIONS

- Protein function studies, structure-function relationships, nucleic acid-protein interactions
- Identify active sites or functional elements such as promoter regions
- Design novel proteins in drug discovery
- Construct fusion, tagged proteins or knockouts

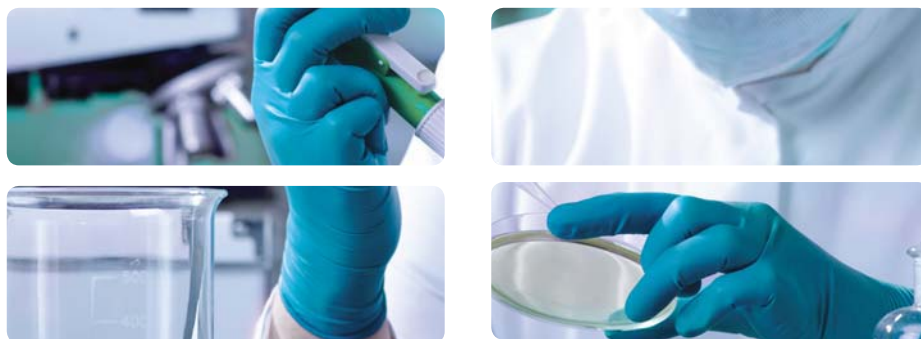
## Large-Scale Plasmid Preparation

When you order site-directed mutagenesis with GENEWIZ, you enjoy the speed, convenience, and reliability of moving your constructs to maxi or giga preps under the same roof. Our large-scale plasmid preparation service is regarded as one of the finest for the purification of high quality, low- to endo-free plasmid.

For a couple extra days, you can receive milligrams of your new construct at a reasonable price. To inquire more about this service, please email [mb@genewiz.com](mailto:mb@genewiz.com).

## Try bundling to save on mutagenesis

Do you need to make multiple variants of a newly synthesized gene? Our Gene Synthesis and Site-Directed Mutagenesis bundle can save your time, effort, and cost. For details, please email [genesynthesis@genewiz.com](mailto:genesynthesis@genewiz.com).



## How To Order Site-Directed Mutagenesis

1. Visit [www.genewiz.com](http://www.genewiz.com). Download the Mutation Order Form under RESOURCES.
2. Complete the order form by describing your template plasmid (size, antibiotic, ORF insert). Please provide specific information regarding what and where the mutation(s) should be introduced and the corresponding amino acid change, if applicable.
3. Send the completed order form to [mb@genewiz.com](mailto:mb@genewiz.com).
4. You will receive a quotation in less than 24 hours.

## Shipping Instructions

Plasmid and fresh bacterial colonies can be shipped at room temperature. Glycerol stocks should be shipped on dry ice.

For most locations, we provide free shipping via a drop box or free courier pickup. Call 877-436-3949 for free shipping options available at your site. If a drop box or courier is not available at your site, ship your samples via overnight delivery service to us at the following location:

Attn: MB Group  
 GENEWIZ, Inc.  
 115 Corporate Blvd.  
 South Plainfield, NJ 07080

### More Benefits

- Award-winning consultation with Ph.D. scientists
- Customer-oriented project management
- Over 10 years of excellence in DNA sequencing and molecular biology
- National leader in research-based DNA sequencing

### GENEWIZ, Inc.

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SAN DIEGO LABORATORY  
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