

# Enzyme Discovery Service

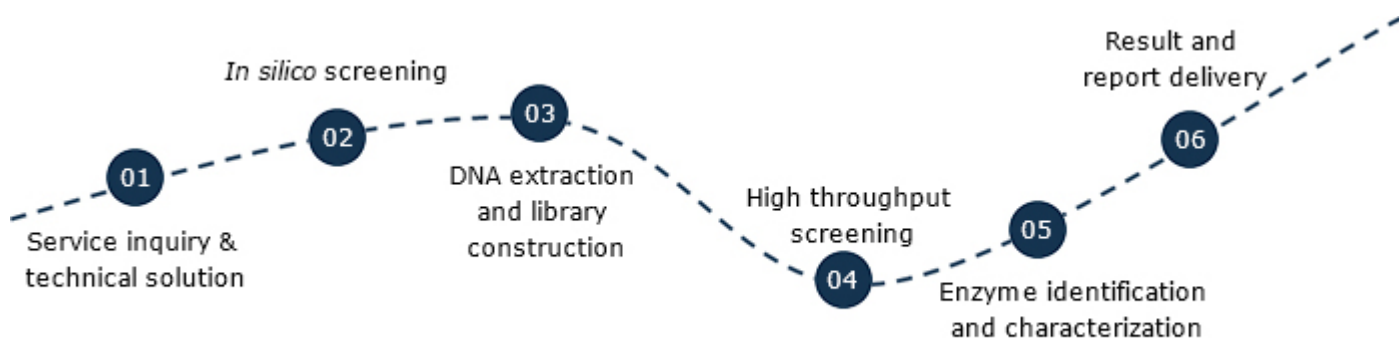
Creative Enzymes holds its unique position in the enzyme market providing solutions for our customers through supplying promising industry-grade enzymes from various natural sources, such as soil microbes, plants, and animals. We combine advanced techniques, including bioinformatics tools, high-throughput techniques, separation and isolation, and statistical designed experiments, to provide full-service enzyme discovery from initial sample preparation to the final identification of novel enzymes.

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## Highlighted Platforms

<b>Screening for enzymes from natural sources</b>	• Enzyme discovery by direct activity measurement
	• Metagenomics and exploration of non-culturable
<b>Function prediction and screening</b>	• Sequence-based screening
	• 3D structure-guided screening
	• Protein interactions
<b>Structure characterization</b>	• Primary structure determination
	• Disulfide bond analysis
	• 3D structure determination

## Workflow



## Significant Advantages

- Specialized expertise and resources
- Advanced bioinformatic tools and genome mining approaches
- High throughput screening, analysis and characterization
- Metagenomic libraries construction
- Statistical design of experiments
- Seamless separation and purification
- Enzyme *de novo* identification



For more enzyme-related products and services, please visit our website:

<https://www.creative-enzymes.com>

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