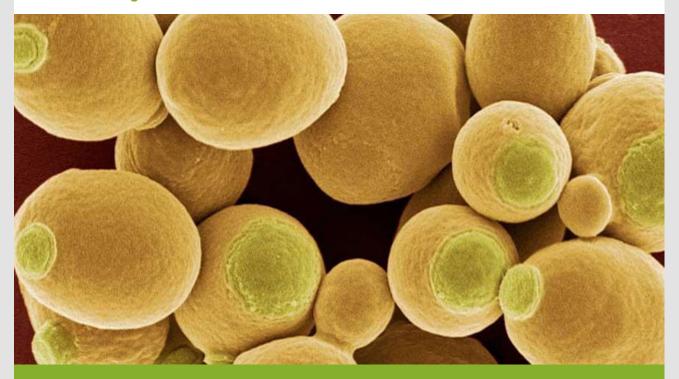
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Yeast System High-throughput Screening Service

Yeast is a powerful tool for obtaining an integrated assessment and genome-wide perspective of toxicity mechanisms through the combination of other omics. It is widely used in many fields including environmental health, agriculture, drug development, and biotechnology.

Applications:

- Screening genes involved in diverse functions, such as metal ion absorption and transport, sequestration, chelation, detoxification, and signal transduction.
- Screening resistance genes responsible for pest and disease infection.
- An alternative approach to animal testing for toxicogenomics study.

Features:

- A unicellular non-pathogenic microorganism with rapid and inexpensive growth.
- Amenable to genetic manipulation.
- Genome-wide analyses are easily implemented.
- A strikingly high-level of functional conservation within the human genome and other higher eukaryotes.
- The functional information is available for nearly every gene.

Services:

Construction of Yeast Expression Library	High-Throughput Screening for Resistance Genes	Phenotypic Validation of Yeast
■ RNA Extraction ■ cDNA Library Construction	 Yeast Working Bacteria Liquid Preparation Groping for Adversity Conditions Yeast Screening Yeast Positive Clone Identification Yeast Induced Expression Validation of Screening Results 	 Deletion Strain Modification Replenishment (Overexpression) Verification Yeast Phenotype Verification

Our services are featured with high reliability, short turnaround time, and competitive price, welcome to contact us for further information.

Tel: 1-631-356-5138 **Address:** SUITE 209, 17 Ramsey Road, Shirley, NY 11967

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