

S. pombe

Deletion Mutant Library

The World's first *S. pombe*
Genome-wide Deletion Mutant Library

S. pombe (*Schizosaccharomyces pombe*) Genome-wide Deletion Mutant Library consist of a total of 4,845 knock-out strains covering 98% of the total genome. Each strain has a specific barcode on both sides of the selective marker (*KanMX4*), which provides an easy means of **analyzing large amounts of gene function and drug target screening in the library pool**. It would be helpful for investigating functional yeast gene and further human genomic information by analogy.



Ordering information

Cat. No.	Product Description	Product Type
S. pombe Deletion Mutant Individual Strains		
M-1010D-A	<i>S. pombe</i> Individual Heterozygous Diploid Deletion Mutant Strains	Agar type
M-1010D-G	<i>S. pombe</i> Individual Heterozygous Diploid Deletion Mutant Strains	Glycerol type
M-1010H-A	<i>S. pombe</i> Individual Haploid Deletion Mutant Strains	Agar type
M-1010H-G	<i>S. pombe</i> Individual Haploid Deletion Mutant Strains	Glycerol type
S. pombe Deletion Mutant Set		
M-6030H-LT	<i>S. pombe</i> Haploid Deletion Mutant Set ver 6.0 Life Time	37 plates (96-well)
M-6030H-5Y	<i>S. pombe</i> Haploid Deletion Mutant Set ver 6.0 5-Year License	37 plates (96-well)
S. pombe Related Items		
M-3030P	AccuOligo® <i>S. pombe</i> Validation Primer Set	72 plates (96-well)
M-3030P-U4	<i>S. pombe</i> Validation Primer ver 3.0 to ver 4.0 Upgrade Pkg	6 plates (96-well)
M-3030P-U5	<i>S. pombe</i> Validation Primer ver 3.0 to ver 5.0 Upgrade Pkg	20 plates (96-well)

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Applications

- Large-scale gene functional analysis
 - gene expression
 - synthetic lethality
- Target identification & verification in Drug Discovery



Features & Benefits

- Developed by CRUK*-KRIBB**-BIONEER consortium
- Covering of 98% (diploid) and 96% (haploid) of the fission yeast ORFs
- Rapid cell cycle – a simple, fast and convenient method
- Suitable tool for the functional studies of eukaryotic biology & for biotechnological applications.

* CRUK (Cancer Research UK)

** KRIBB (Korea Research Institute of Bioscience and Biotechnology)



Contact Us

Bioneer corporation

8-11, Munpyeongseo-ro, Daedeok-gu, Daejeon 34302, Republic of Korea

Tel: +82-42-939-6333

Fax: +82-42-939-6444

E-mail: Sales@bioneer.com

Bioneer Inc.

155 Filbert St.Suite 216, Oakland, CA 94607, USA

Toll Free: +1-877-264-4300

Fax: +1-510-865-0350

E-mail: order.usa@bioneer.us.com

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