

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis

RRID:SCR_003093

Type: Tool

Proper Citation

EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis
(RRID:SCR_003093)

Resource Information

URL: <http://www.euroscarf.de/index.php?name=News>

Proper Citation: EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis
(RRID:SCR_003093)

Description: Archive of yeast strains and plasmids that were generated during various yeast functional analysis projects.

Abbreviations: EUROS CARF

Resource Type: biomaterial supply resource, organism supplier, material resource

Keywords: plasmid, strain, wild type, deletion, tap fusion, degron, orf, functional analysis, yeast

Funding: BMBF ;
European UnionROFAN I and II ;
European yeast industrial platform ;
federal state of Hessen

Availability: Free, Freely available

Resource Name: EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis

Resource ID: SCR_003093

Alternate IDs: nif-0000-30504

Old URLs: <http://www.uni-frankfurt.de/fb15/mikro/EUROS CARF/indexhtml>

Record Creation Time: 20220129T080217+0000

Ratings and Alerts

No rating or validation information has been found for EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis.

No alerts have been found for EUROpean Saccharomyces Cerevisiae ARchive for Functional Analysis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Liu H, et al. (2023) Identification of the Absciscic Acid-, Stress-, and Ripening-Induced (ASR) Family Involved in the Adaptation of *Tetragonia tetragonoides* (Pall.) Kuntze to Saline-Alkaline and Drought Habitats. *International journal of molecular sciences*, 24(21).

Barton RE, et al. (2022) Eco1-dependent cohesin acetylation anchors chromatin loops and cohesion to define functional meiotic chromosome domains. *eLife*, 11.

Lin R, et al. (2021) Genome-wide identification and expression analysis of aquaporin family in *Canavalia rosea* and their roles in the adaptation to saline-alkaline soils and drought stress. *BMC plant biology*, 21(1), 333.

Zheng J, et al. (2021) Ectopic Expression of CrPIP2;3, a Plasma Membrane Intrinsic Protein Gene from the Halophyte *Canavalia rosea*, Enhances Drought and Salt-Alkali Stress Tolerance in *Arabidopsis*. *International journal of molecular sciences*, 22(2).

Zoni V, et al. (2021) Pre-existing bilayer stresses modulate triglyceride accumulation in the ER versus lipid droplets. *eLife*, 10.

Gościńska K, et al. (2020) Eukaryotic Elongation Factor 3 Protects *Saccharomyces cerevisiae* Yeast from Oxidative Stress. *Genes*, 11(12).

Blank HM, et al. (2020) Abundances of transcripts, proteins, and metabolites in the cell cycle of budding yeast reveal coordinate control of lipid metabolism. *Molecular biology of the cell*, 31(10), 1069.

Gao Y, et al. (2020) Genome-Wide Identification of Metal Tolerance Protein Genes in *Populus trichocarpa* and Their Roles in Response to Various Heavy Metal Stresses. *International journal of molecular sciences*, 21(5).

Maitra N, et al. (2020) Translational control of one-carbon metabolism underpins ribosomal protein phenotypes in cell division and longevity. *eLife*, 9.

Schäfer IB, et al. (2019) Molecular Basis for poly(A) RNP Architecture and Recognition by the Pan2-Pan3 Deadenylation. *Cell*, 177(6), 1619.

Zhang M, et al. (2018) Functional Identification of Salt-Stress-Related Genes Using the FOX Hunting System from *Ipomoea pes-caprae*. *International journal of molecular sciences*, 19(11).

Powles J, et al. (2018) Alternative splice variants of rhomboid proteins: Comparative analysis of database entries for select model organisms and validation of functional potential. *F1000Research*, 7, 139.

Howe FS, et al. (2017) CRISPRi is not strand-specific at all loci and redefines the transcriptional landscape. *eLife*, 6.

Zhang M, et al. (2017) Identification of a rice metal tolerance protein OsMTP11 as a manganese transporter. *PloS one*, 12(4), e0174987.

Krietenstein N, et al. (2016) Genomic Nucleosome Organization Reconstituted with Pure Proteins. *Cell*, 167(3), 709.

Ouyang LL, et al. (2016) Site-Directed Mutagenesis from Arg195 to His of a Microalgal Putatively Chloroplastidial Glycerol-3-Phosphate Acyltransferase Causes an Increase in Phospholipid Levels in Yeast. *Frontiers in plant science*, 7, 286.

Pais P, et al. (2016) Membrane Proteomics Analysis of the *Candida glabrata* Response to 5-Fluorocytosine: Unveiling the Role and Regulation of the Drug Efflux Transporters CgFlr1 and CgFlr2. *Frontiers in microbiology*, 7, 2045.

Lawless C, et al. (2016) Direct and Absolute Quantification of over 1800 Yeast Proteins via Selected Reaction Monitoring. *Molecular & cellular proteomics : MCP*, 15(4), 1309.

Wang C, et al. (2016) A Putative Chloroplast-Localized Ca²⁺/H⁺ Antiporter CCHA1 Is Involved in Calcium and pH Homeostasis and Required for PSII Function in Arabidopsis. *Molecular plant*, 9(8), 1183.

Mackenzie RJ, et al. (2016) Absolute protein quantification of the yeast chaperome under conditions of heat shock. *Proteomics*, 16(15-16), 2128.