Resource Summary Report

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Genome Resources for Yeast Chromosomes

RRID:SCR_015005
Type: Tool

Proper Citation

Genome Resources for Yeast Chromosomes (RRID:SCR_015005)

Resource Information

URL: http://gryc.inra.fr

Proper Citation: Genome Resources for Yeast Chromosomes (RRID:SCR_015005)

Description: Database which provides annotated sequence data for the genomes of basidio and ascomycete yeasts. The resources provided include genetic element pages, data sets for downloading, quick and advanced searches, facilities for BLAST comparisons, and a genome browser powered by JBrowse from GMOD.

Abbreviations: GRYC

Synonyms: Genome Resources for Yeast Chromosomes (GRYC)

Resource Type: database, data or information resource

Keywords: yeast, single celled eukaryote, annotated genome, basidio yeast, ascomycete yeast

Funding:

Availability: Available for download

Resource Name: Genome Resources for Yeast Chromosomes

Resource ID: SCR_015005

Record Creation Time: 20220129T080323+0000

Record Last Update: 20250412T055846+0000

Ratings and Alerts

No rating or validation information has been found for Genome Resources for Yeast Chromosomes.

No alerts have been found for Genome Resources for Yeast Chromosomes.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Bigey F, et al. (2023) Insights into the Genomic and Phenotypic Landscape of the Oleaginous Yeast Yarrowia lipolytica. Journal of fungi (Basel, Switzerland), 9(1).

Gorczyca M, et al. (2023) Transcription factors enhancing synthesis of recombinant proteins and resistance to stress in Yarrowia lipolytica. Applied microbiology and biotechnology, 107(15), 4853.

Kubiak-Szymendera M, et al. (2022) Hyperosmolarity adversely impacts recombinant protein synthesis by Yarrowia lipolytica-molecular background revealed by quantitative proteomics. Applied microbiology and biotechnology, 106(1), 349.

Navarrete C, et al. (2022) DebaryOmics: an integrative -omics study to understand the halophilic behaviour of Debaryomyces hansenii. Microbial biotechnology, 15(4), 1133.

Onésime D, et al. (2022) A unique, newly discovered four-member protein family involved in extracellular fatty acid binding in Yarrowia lipolytica. Microbial cell factories, 21(1), 200.

Celi?ska E, et al. (2022) "Fight-flight-or-freeze" - how Yarrowia lipolytica responds to stress at molecular level? Applied microbiology and biotechnology, 106(9-10), 3369.

Hapeta P, et al. (2021) A 37-amino acid loop in the Yarrowia lipolytica hexokinase impacts its activity and affinity and modulates gene expression. Scientific reports, 11(1), 6412.

Madzak C, et al. (2021) Yarrowia lipolytica Strains and Their Biotechnological Applications: How Natural Biodiversity and Metabolic Engineering Could Contribute to Cell Factories Improvement. Journal of fungi (Basel, Switzerland), 7(7).

Hassing EJ, et al. (2021) Elimination of aromatic fusel alcohols as by-products of Saccharomyces cerevisiae strains engineered for phenylpropanoid production by 2-oxo-acid decarboxylase replacement. Metabolic engineering communications, 13, e00183.

Delaveau T, et al. (2021) Yap5 Competes With Hap4 for the Regulation of Iron Homeostasis Genes in the Human Pathogen Candida glabrata. Frontiers in cellular and infection microbiology, 11, 731988.

Larroude M, et al. (2021) Yarrowia lipolytica chassis strains engineered to produce aromatic amino acids via the shikimate pathway. Microbial biotechnology, 14(6), 2420.

Maciaszczyk-Dziubinska E, et al. (2020) The ancillary N-terminal region of the yeast AP-1 transcription factor Yap8 contributes to its DNA binding specificity. Nucleic acids research, 48(10), 5426.

Kumar K, et al. (2020) Histone H4 dosage modulates DNA damage response in the pathogenic yeast Candida glabrata via homologous recombination pathway. PLoS genetics, 16(3), e1008620.

Denecker T, et al. (2020) Functional networks of co-expressed genes to explore iron homeostasis processes in the pathogenic yeast Candida glabrata. NAR genomics and bioinformatics, 2(2), lqaa027.

Gounot JS, et al. (2020) High Complexity and Degree of Genetic Variation in Brettanomyces bruxellensis Population. Genome biology and evolution, 12(6), 795.

Bellut K, et al. (2020) Lachancea fermentati Strains Isolated From Kombucha: Fundamental Insights, and Practical Application in Low Alcohol Beer Brewing. Frontiers in microbiology, 11, 764.

Lajus S, et al. (2020) Engineering the Yeast Yarrowia lipolytica for Production of Polylactic Acid Homopolymer. Frontiers in bioengineering and biotechnology, 8, 954.

Gu Y, et al. (2020) Refactoring Ehrlich Pathway for High-Yield 2-Phenylethanol Production in Yarrowia lipolytica. ACS synthetic biology, 9(3), 623.

Boisramé A, et al. (2019) Exon junction complex components Y14 and Mago still play a role in budding yeast. Scientific reports, 9(1), 849.

Pracharova P, et al. (2019) Geotrichum candidum gene expression and metabolite accumulation inside the cells reflect the strain oxidative stress sensitivity and ability to produce flavour compounds. FEMS yeast research, 19(1).