

# New heterologous modules for classical or PCR-based genotyping in *Saccharomyces cerevisiae*

Yeast

10, 1793-1808

DOI: [10.1002/yea.320101310](https://doi.org/10.1002/yea.320101310)

Citation Report

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1866	Characteristics and overall survival of EGFR mutation-positive non-small cell lung cancer treated with EGFR tyrosine kinase inhibitors: a retrospective analysis for 1660 Japanese patients. Japanese Journal of Clinical Oncology, 2016, 46, 462-467.	0.6	54
1867	New integrative modules for multicolor-protein labeling and live-cell imaging in <i>Saccharomyces cerevisiae</i> . FEMS Yeast Research, 2016, 16, fow027.	1.1	22
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1879	Identifying protein kinase-specific effectors of the osmestress response in yeast. <i>Science Signaling</i> , 2017, 10, .	1.6	27
1880	Both R-loop removal and ribonucleotide excision repair activities of RNase H2 contribute substantially to chromosome stability. <i>DNA Repair</i> , 2017, 52, 110-114.	1.3	29
1881	Mitochondrial depolarization in yeast zygotes inhibits clonal expansion of selfish mtDNA. <i>Journal of Cell Science</i> , 2017, 130, 1274-1284.	1.2	25
1882	MX Cassettes for Knocking Out Genes in Yeast. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.top080689.	0.2	3
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1884	Glucose repression of FLO11 gene expression regulates pellicle formation by a wild pellicle-forming yeast strain isolated from contaminated wine. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 120-127.	0.5	4
1885	Deciphering the Genic Basis of Yeast Fitness Variation by Simultaneous Forward and Reverse Genetics. <i>Molecular Biology and Evolution</i> , 2017, 34, 2486-2502.	3.5	42
1886	Properties of Mitotic and Meiotic Recombination in the Tandemly-Repeated CUP1 Gene Cluster in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2017, 206, 785-800.	1.2	17
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1891	Genetic Dissection of Heritable Traits in Yeast Using Bulk Segregant Analysis. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot088989.	0.2	4
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1895	PP2A Cdc55 Phosphatase Imposes Ordered Cell-Cycle Phosphorylation by Opposing Threonine Phosphorylation. <i>Molecular Cell</i> , 2017, 65, 393-402.e3.	4.5	91
1896	General Amino Acid Control and 14-3-3 Proteins Bmh1/2 Are Required for Nitrogen Catabolite Repression-Sensitive Regulation of Gln3 and Gat1 Localization. <i>Genetics</i> , 2017, 205, 633-655.	1.2	27
1897	A Synthetic Hybrid Promoter for Xylose-Regulated Control of Gene Expression in <i>Saccharomyces</i> Yeasts. <i>Molecular Biotechnology</i> , 2017, 59, 24-33.	1.3	30
1898	Inappropriate translation inhibition and P-body formation cause cold-sensitivity in tryptophan-auxotroph yeast mutants. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 314-323.	1.9	3
1899	<i>ICE</i> plasmids for generating terminal 3 <sup>+</sup> -FLAG tagged genes that allow inducible, constitutive or endogenous expression in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2017, 34, 223-235.	0.8	13
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1903	Systematic Identification of Determinants for Single-Strand Annealing-Mediated Deletion Formation in <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3269-3279.	0.8	1
1904	The Gcn4 transcription factor reduces protein synthesis capacity and extends yeast lifespan. <i>Nature Communications</i> , 2017, 8, 457.	5.8	83
1905	The forkhead-like transcription factor (Fhl1p) maintains yeast replicative lifespan by regulating ribonucleotide reductase 1 (RNR1) gene transcription. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 218-223.	1.0	7

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1908	The SAGA complex, together with transcription factors and the endocytic protein Rvs167p, coordinates the reprofiling of gene expression in response to changes in sterol composition in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2017, 28, 2637-2649.	0.9	11
1909	Cooperative function of Fmp30, Mdm31, and Mdm32 in Ups1-independent cardiolipin accumulation in the yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 16447.	1.6	19
1910	Fermentative metabolism impedes p53-dependent apoptosis in a Crabtree-positive but not in Crabtree-negative yeast. <i>Journal of Biosciences</i> , 2017, 42, 585-601.	0.5	8
1911	Probing functional roles of Wilson disease protein (ATP7B) copper-binding domains in yeast. <i>Metallomics</i> , 2017, 9, 981-988.	1.0	12
1912	A design-build-test cycle using modeling and experiments reveals interdependencies between upper glycolysis and xylose uptake in recombinant <i>S. cerevisiae</i> and improves predictive capabilities of large-scale kinetic models. <i>Biotechnology for Biofuels</i> , 2017, 10, 166.	6.2	37
1913	Hygromycin B hypersensitive (hhy) mutants implicate an intact trans-Golgi and late endosome interface in efficient Tor1 vacuolar localization and TORC1 function. <i>Current Genetics</i> , 2017, 63, 531-551.	0.8	9
1914	Genetic Manipulations in Dermatophytes. <i>Mycopathologia</i> , 2017, 182, 33-43.	1.3	11
1915	Post-translocational adaptation drives evolution through genetic selection and transcriptional shift in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2017, 63, 281-292.	0.8	4
1916	Bypass of Activation Loop Phosphorylation by Aspartate 836 in Activation of the Endoribonuclease Activity of Ire1. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	12
1917	The dynamics of intracellular water constrains glycolytic oscillations in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 16250.	1.6	20
1918	New plasmids for the disruption and repeated use of selection markers in <i>Saccharomyces cerevisiae</i> . <i>Journal of General and Applied Microbiology</i> , 2017, 63, 199-202.	0.4	1
1919	Bridge-Induced Translocation between NUP145 and TOP2 Yeast Genes Models the Genetic Fusion between the Human Orthologs Associated With Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2017, 7, 231.	1.3	3
1920	A method for labeling proteins with tags at the native genomic loci in budding yeast. <i>PLoS ONE</i> , 2017, 12, e0176184.	1.1	10
1921	Small molecule inhibitors uncover synthetic genetic interactions of human flap endonuclease 1 (FEN1) with DNA damage response genes. <i>PLoS ONE</i> , 2017, 12, e0179278.	1.1	36
1922	Amino acid metabolites that regulate G protein signaling during osmotic stress. <i>PLoS Genetics</i> , 2017, 13, e1006829.	1.5	16
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1925	Evidence that DNA polymerase $\delta$ contributes to initiating leading strand DNA replication in <i>Saccharomyces cerevisiae</i> . <i>Nature Communications</i> , 2018, 9, 858.	5.8	77
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1927	DNA Repair: The Search for Homology. <i>BioEssays</i> , 2018, 40, e1700229.	1.2	106
1928	An Orthogonal and pH-Tunable Sensor-Selector for Muconic Acid Biosynthesis in Yeast. <i>ACS Synthetic Biology</i> , 2018, 7, 995-1003.	1.9	50
1929	Marker-free genetic manipulations in yeast using CRISPR/CAS9 system. <i>Current Genetics</i> , 2018, 64, 1129-1139.	0.8	21
1930	Evaluation of the ability of commercial wine yeasts to form biofilms (mats) and adhere to plastic: implications for the microbiota of the winery environment. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	10
1931	Reactive cold plasma particles generate oxidative stress in yeast but do not trigger apoptosis. <i>Canadian Journal of Microbiology</i> , 2018, 64, 367-375.	0.8	8
1932	History of genome editing in yeast. <i>Yeast</i> , 2018, 35, 361-368.	0.8	40
1933	Use of a wine yeast deletion collection reveals genes that influence fermentation performance under low-nitrogen conditions. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	37
1934	Cdk1-dependent phosphoinhibition of a formin-F-BAR interaction opposes cytokinetic contractile ring formation. <i>Molecular Biology of the Cell</i> , 2018, 29, 713-721.	0.9	14
1935	Disruption of the cell wall integrity gene <i>ECM33</i> results in improved fermentation by wine yeast. <i>Metabolic Engineering</i> , 2018, 45, 255-264.	3.6	18
1936	A Role for the Respiratory Chain in Regulating Meiosis Initiation in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2018, 208, 1181-1194.	1.2	19
1937	Gradual enhancement of ethyl acetate production through promoter engineering in chinese liquor yeast strains. <i>Biotechnology Progress</i> , 2018, 34, 328-336.	1.3	5
1938	Budding Yeast Has a Minimal Endomembrane System. <i>Developmental Cell</i> , 2018, 44, 56-72.e4.	3.1	129
1939	Mapping Degradation Signals and Pathways in a Eukaryotic N-terminome. <i>Molecular Cell</i> , 2018, 70, 488-501.e5.	4.5	80
1940	Development of a yeast heterologous expression cassette based on the promoter and terminator elements of the <i>Eremothecium cymbalariae</i> translational elongation factor $\text{E1}$ ( <i>EcTEF1</i> ) gene. <i>3 Biotech</i> , 2018, 8, 203.	1.1	0
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1943	Mutation in the peroxin-coding gene PEX22 contributing to high malate production in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 211-217.	1.1	10
1944	Synthetic Metabolic Pathways. <i>Methods in Molecular Biology</i> , 2018, , .	0.4	2
1945	Assembly and Multiplex Genome Integration of Metabolic Pathways in Yeast Using CasEMBLR. <i>Methods in Molecular Biology</i> , 2018, 1671, 185-201.	0.4	8
1946	Protective role of the HOG pathway against the growth defect caused by impaired biosynthesis of complex sphingolipids in yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2018, 107, 363-386.	1.2	21
1947	Pex19 is involved in importing dually targeted tail-anchored proteins to both mitochondria and peroxisomes. <i>Traffic</i> , 2018, 19, 770-785.	1.3	43
1949	Selection of Pof- <i>Saccharomyces eubayanus</i> Variants for the Construction of <i>S. cerevisiae</i> $\bar{\text{A}}$ – <i>S. eubayanus</i> Hybrids With Reduced 4-Vinyl Guaiacol Formation. <i>Frontiers in Microbiology</i> , 2018, 9, 1640.	1.5	25
1950	The APT complex is involved in non-coding RNA transcription and is distinct from CPF. <i>Nucleic Acids Research</i> , 2018, 46, 11528-11538.	6.5	17
1951	Mitochondrial ribosomal proteins involved in tellurite resistance in yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2018, 8, 12022.	1.6	4
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1953	Pathogenic variants in glutamyl-tRNA <sub>Gln</sub> amidotransferase subunits cause a lethal mitochondrial cardiomyopathy disorder. <i>Nature Communications</i> , 2018, 9, 4065.	5.8	44
1954	Double Selection Enhances the Efficiency of Target-AID and Cas9-Based Genome Editing in Yeast. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3163-3171.	0.8	19
1955	Rapid Identification of Major QTLs Associated With Near- Freezing Temperature Tolerance in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2110.	1.5	16
1956	Interaction network of the mitochondrial outer membrane protein Mcp3. <i>FEBS Letters</i> , 2018, 592, 3210-3220.	1.3	2
1957	The new normal of structure/function studies in the era of CRISPR/Cas9. <i>Biochemical Journal</i> , 2018, 475, 1635-1642.	1.7	1
1958	Marker-free insertion of a series of C-terminal epitopes based on the 50:50 method in <i>Saccharomyces cerevisiae</i> . <i>Journal of General and Applied Microbiology</i> , 2018, 64, 99-102.	0.4	1
1959	Mannosylinositol phosphorylceramides and ergosterol coordinately maintain cell wall integrity in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2018, 285, 2405-2427.	2.2	26
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1962	Biofilm formation and toxin production provide a fitness advantage in mixed colonies of environmental yeast isolates. <i>Ecology and Evolution</i> , 2018, 8, 5541-5550.	0.8	22
1963	Trans-regulation and localization of orthologous maltose transporters in the interspecies lager yeast hybrid. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	4
1964	<i>Schizosaccharomyces pombe</i> cardiolipin synthase is part of a mitochondrial fusion protein regulated by intron retention. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1331-1344.	1.2	4
1965	Novel insights into Swe1 and Mih1 role in the regulation of mitotic spindle dynamics. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	6
1966	Analysis of the contribution of phosphoinositides to medial septation in fission yeast highlights the importance of PI(4,5)P <sub>2</sub> for medial contractile ring anchoring. <i>Molecular Biology of the Cell</i> , 2018, 29, 2148-2155.	0.9	13
1967	Relief of the Dma1-mediated checkpoint requires Dma1 autoubiquitination and dynamic localization. <i>Molecular Biology of the Cell</i> , 2018, 29, 2176-2189.	0.9	3
1968	Prolonged growth of <i>Candida albicans</i> reveals co-isolated bacteria from single yeast colonies. <i>Infection, Genetics and Evolution</i> , 2018, 65, 117-126.	1.0	7
1969	Control of mitotic chromosome condensation by the fission yeast transcription factor Zas1. <i>Journal of Cell Biology</i> , 2018, 217, 2383-2401.	2.3	3
1970	Cardiomyopathy-associated mutation in the ADP/ATP carrier reveals translation-dependent regulation of cytochrome <i>c</i> oxidase activity. <i>Molecular Biology of the Cell</i> , 2018, 29, 1449-1464.	0.9	16
1971	Single-strand annealing between inverted DNA repeats: Pathway choice, participating proteins, and genome destabilizing consequences. <i>PLoS Genetics</i> , 2018, 14, e1007543.	1.5	22
1972	A set of plasmids carrying antibiotic resistance markers and Cre recombinase for genetic engineering of nonconventional yeast <i>Zygosaccharomyces rouxii</i> . <i>Yeast</i> , 2019, 36, 711-722.	0.8	5
1973	A new inducible CRISPR-Cas9 system useful for genome editing and study of double-strand break repair in <i>Candida glabrata</i> . <i>Yeast</i> , 2019, 36, 723-731.	0.8	19
1974	Repair of base damage within break-induced replication intermediates promotes kataegis associated with chromosome rearrangements. <i>Nucleic Acids Research</i> , 2019, 47, 9666-9684.	6.5	27
1975	Involvement of the stress-responsive transcription factor gene MSN2 in the control of amino acid uptake in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2019, 19, .	1.1	11
1976	<i>S. cerevisiae</i> Strain Lacking Mitochondrial IF3 Shows Increased Levels of Tma19p during Adaptation to Respiratory Growth. <i>Cells</i> , 2019, 8, 645.	1.8	2
1977	Mutations in the S-Adenosylmethionine Synthetase Genes <i>SAM1</i> and <i>SAM2</i> Differentially Affect Genome Stability in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 213, 97-112.	1.2	11
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1980	A new toolkit for gene tagging in <i>Candida albicans</i> containing recyclable markers. <i>PLoS ONE</i> , 2019, 14, e0219715.	1.1	9
1981	Comprehensive and quantitative analysis of G1 cyclins. A tool for studying the cell cycle. <i>PLoS ONE</i> , 2019, 14, e0218531.	1.1	4
1982	Activity of a ubiquitin ligase adaptor is regulated by disordered insertions in its arrestin domain. <i>Molecular Biology of the Cell</i> , 2019, 30, 3057-3072.	0.9	15
1983	Critical Roles of the Pentose Phosphate Pathway and GLN3 in Isobutanol-Specific Tolerance in Yeast. <i>Cell Systems</i> , 2019, 9, 534-547.e5.	2.9	28
1984	A script for initiating molecular biology studies with non-conventional yeasts based on <i>Saccharomyces schoenii</i> . <i>Microbiological Research</i> , 2019, 229, 126342.	2.5	7
1985	Monitoring changes in the cellular content of biomolecules during ageing with FTIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2019, 105, 102972.	1.2	5
1986	A fluorescent assay for the genetic dissection of the RNA polymerase II termination machinery. <i>Methods</i> , 2019, 159-160, 124-128.	1.9	1
1987	The mitochondrial intermembrane space-facing proteins Mcp2 and Tgl2 are involved in yeast lipid metabolism. <i>Molecular Biology of the Cell</i> , 2019, 30, 2681-2694.	0.9	5
1988	Inverted translational control of eukaryotic gene expression by ribosome collisions. <i>PLoS Biology</i> , 2019, 17, e3000396.	2.6	51
1989	Controlled Reduction of Genomic Heterozygosity in an Industrial Yeast Strain Reveals Wide Cryptic Phenotypic Variation. <i>Frontiers in Genetics</i> , 2019, 10, 782.	1.1	9
1990	The intrinsically disordered region of the cytokinetic F-BAR protein Cdc15 performs a unique essential function in maintenance of cytokinetic ring integrity. <i>Molecular Biology of the Cell</i> , 2019, 30, 2790-2801.	0.9	16
1991	COSPLAY: An expandable toolbox for combinatorial and swift generation of expression plasmids in yeast. <i>PLoS ONE</i> , 2019, 14, e0220694.	1.1	5
1992	PP2C phosphatases promote autophagy by dephosphorylation of the Atg1 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1613-1620.	3.3	48
1993	New Insights of <i>Ustilago maydis</i> as Yeast Model for Genetic and Biotechnological Research: A Review. <i>Current Microbiology</i> , 2019, 76, 917-926.	1.0	18
1994	Construction of industrial baker's yeast with high level of cAMP. <i>Journal of Food Biochemistry</i> , 2019, 43, e12846.	1.2	2
1995	Multiple Negative Regulators Restrict Recruitment of the SWI/SNF Chromatin Remodeler to the <i>HO</i> Promoter in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 212, 1181-1204.	1.2	9
1996	A Ratiometric Sensor Based on Plant N-Terminal Degrons Able to Report Oxygen Dynamics in <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 2810-2820.	2.0	24

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1998	Sequence and Nuclease Requirements for Breakage and Healing of a Structure-Forming (AT) <sub>n</sub> Sequence within Fragile Site FRA16D. <i>Cell Reports</i> , 2019, 27, 1151-1164.e5.	2.9	33
1999	Chaperone Function of Hgh1 in the Biogenesis of Eukaryotic Elongation Factor 2. <i>Molecular Cell</i> , 2019, 74, 88-100.e9.	4.5	18
2000	Live cell monitoring of double strand breaks in <i>S. cerevisiae</i> . <i>PLoS Genetics</i> , 2019, 15, e1008001.	1.5	28
2001	Layers of Cryptic Genetic Variation Underlie a Yeast Complex Trait. <i>Genetics</i> , 2019, 211, 1469-1482.	1.2	26
2002	RNA Sequencing Reveals Specific Transcriptomic Signatures Distinguishing Effects of the [SWI+] Prion and SWI1 Deletion in Yeast <i>Saccharomyces cerevisiae</i> . <i>Genes</i> , 2019, 10, 212.	1.0	13
2003	Mutations in the mitochondrial tryptophanyl-tRNA synthetase cause growth retardation and progressive leukoencephalopathy. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e654.	0.6	13
2004	Maturation-driven transport and AP-1-dependent recycling of a secretory cargo in the Golgi. <i>Journal of Cell Biology</i> , 2019, 218, 1582-1601.	2.3	62
2005	Tryptophan confers resistance to SDS-associated cell membrane stress in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2019, 14, e0199484.	1.1	43
2006	Laboratory Evolution of a <i>Saccharomyces cerevisiae</i> – <i>S. eubayanus</i> Hybrid Under Simulated Lager-Brewing Conditions. <i>Frontiers in Genetics</i> , 2019, 10, 242.	1.1	35
2007	QTL analysis reveals genomic variants linked to high-temperature fermentation performance in the industrial yeast. <i>Biotechnology for Biofuels</i> , 2019, 12, 59.	6.2	32
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2009	Established and Upcoming Yeast Expression Systems. <i>Methods in Molecular Biology</i> , 2019, 1923, 1-74.	0.4	25
2010	An aggregation-prone mutant of eIF3a forms reversible assemblies escaping spatial control in exponentially growing yeast cells. <i>Current Genetics</i> , 2019, 65, 919-940.	0.8	4
2011	Identification and Functional Testing of Novel Interacting Protein Partners for the Stress Sensors Wsc1p and Mid2p of <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1085-1102.	0.8	4
2012	Tricalbins Contribute to Cellular Lipid Flux and Form Curved ER-PM Contacts that Are Bridged by Rod-Shaped Structures. <i>Developmental Cell</i> , 2019, 51, 488-502.e8.	3.1	72
2013	Rpd3L and Hda1 histone deacetylases facilitate repair of broken forks by promoting sister chromatid cohesion. <i>Nature Communications</i> , 2019, 10, 5178.	5.8	13
2014	DNA variants affecting the expression of numerous genes in trans have diverse mechanisms of action and evolutionary histories. <i>PLoS Genetics</i> , 2019, 15, e1008375.	1.5	34



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2016	A novel combinatorial approach of quantitative microscopy and in silico modeling deciphers Arf1-dependent Golgi size regulation. <i>European Physical Journal E</i> , 2019, 42, 154.	0.7	0
2017	A toolbox of Stable Integration Vectors (SIV) in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Journal of Cell Science</i> , 2020, 133, .	1.2	39
2018	Meiotic chromosomal recombination defect in sake yeasts. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 190-196.	1.1	11
2019	Identification of gene products that control lipid droplet size in yeast using a high-throughput quantitative image analysis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 113-127.	1.2	10
2020	Visualizing Secretory Cargo Transport in Budding Yeast. <i>Current Protocols in Cell Biology</i> , 2019, 83, e80.	2.3	11
2021	Universal plasmids to facilitate gene deletion and gene tagging in filamentous fungi. <i>Fungal Genetics and Biology</i> , 2019, 125, 28-35.	0.9	8
2022	A toolkit for rapid CRISPR-Cas9 assisted construction of hexose-transport-deficient <i>Saccharomyces cerevisiae</i> strains. <i>FEMS Yeast Research</i> , 2019, 19, .	1.1	25
2023	The fitness cost of mismatch repair mutators in <i>Saccharomyces cerevisiae</i> : partitioning the mutational load. <i>Heredity</i> , 2020, 124, 50-61.	1.2	3
2024	Effect of the deubiquitination enzyme gene UBP6 on the stress-responsive transcription factor Msn2-mediated control of the amino acid permease Gnp1 in yeast. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 423-427.	1.1	5
2025	Pho85 and PI(4,5)P2 regulate different lipid metabolic pathways in response to cold. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158557.	1.2	10
2026	Effect of low frequency magnetic field on efficiency of chromosome break repair. <i>Electromagnetic Biology and Medicine</i> , 2020, 39, 30-37.	0.7	3
2027	The formation of hybrid complexes between isoenzymes of glyceraldehyde-3-phosphate dehydrogenase regulates its aggregation state, the glycolytic activity and sphingolipid status in <i>Saccharomyces cerevisiae</i> . <i>Microbial Biotechnology</i> , 2020, 13, 562-571.	2.0	7
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2029	Systematic analysis of linker histone PTM hotspots reveals phosphorylation sites that modulate homologous recombination and DSB repair. <i>DNA Repair</i> , 2020, 86, 102763.	1.3	8
2030	Quantitative Proteomics Combined with Two Genetic Strategies for Screening Substrates of Ubiquitin Ligase Hrt3. <i>Journal of Proteome Research</i> , 2020, 19, 493-502.	1.8	3
2031	The Unique Cysteine of F-ATP Synthase OSCP Subunit Participates in Modulation of the Permeability Transition Pore. <i>Cell Reports</i> , 2020, 32, 108095.	2.9	35
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2034	An InÂVitro Assembly System Identifies Roles for RNA Nucleation and ATP in Yeast Stress Granule Formation. <i>Molecular Cell</i> , 2020, 79, 991-1007.e4.	4.5	23
2035	Epigenetic Mechanisms Contribute to Evolutionary Adaptation of Gene Network Activity under Environmental Selection. <i>Cell Reports</i> , 2020, 33, 108306.	2.9	10
2036	Cardiolipin, conformation, and respiratory complex-dependent oligomerization of the major mitochondrial ADP/ATP carrier in yeast. <i>Science Advances</i> , 2020, 6, eabb0780.	4.7	28
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2038	Metabolic excretion associated with nutrientâ€growth dysregulation promotes the rapid evolution of an overt metabolic defect. <i>PLoS Biology</i> , 2020, 18, e3000757.	2.6	17
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2040	PCNA promotes context-specific sister chromatid cohesion establishment separate from that of chromatin condensation. <i>Cell Cycle</i> , 2020, 19, 2436-2450.	1.3	7
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2053	Sexual reproduction potential implied by functional analysis of SPO11 in <i>Phaeodactylum tricornutum</i> . <i>Gene</i> , 2020, 757, 144929.	1.0	5
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2055	mRNA with Mammalian Codon Bias Accumulates in Yeast Mutants with Constitutive Stress Granules. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1234.	1.8	3
2056	Yeast filamentation signaling is connected to a specific substrate translocation mechanism of the Mep2 transceptor. <i>PLoS Genetics</i> , 2020, 16, e1008634.	1.5	20
2057	Improvement of reporter gene assay for highly sensitive dioxin detection using protoplastic yeast with inactivation of CWP and PDR genes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9227-9235.	2.7	5
2058	Engineering <i>Saccharomyces cerevisiae</i> Coculture Platform for the Production of Flavonoids. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2146-2154.	2.4	31
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2060	Characterization of the Efflux Capability and Substrate Specificity of <i>Aspergillus fumigatus</i> PDR5-like ABC Transporters Expressed in <i>Saccharomyces cerevisiae</i> . <i>MBio</i> , 2020, 11, .	1.8	23
2061	Genome editing in the yeast <i>Nakaseomyces delphensis</i> and description of its complete sexual cycle. <i>Yeast</i> , 2021, 38, 57-71.	0.8	3
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2064	A standard knockout procedure alters expression of adjacent loci at the translational level. <i>Nucleic Acids Research</i> , 2021, 49, 11134-11144.	6.5	7
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2068	LBSL. <i>Neurology: Genetics</i> , 2021, 7, e559.	0.9	11
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2078	Harnessing the nutritional potential of concentrated whey for enhanced galactose flux in fermentative yeast. LWT - Food Science and Technology, 2021, 141, 110840.	2.5	7
2079	Compensation for the absence of the catalytically active half of DNA polymerase $\hat{\mu}$ in yeast by positively selected mutations in <i>CDC28</i> . Genetics, 2021, 218, .	1.2	7
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2096	Genome-wide genotype-phenotype associations in microbes. <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 1-8.	1.1	9
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2100	Optogenetic Tools for Control of Public Goods in <i>Saccharomyces cerevisiae</i> . <i>MSphere</i> , 2021, 6, e0058121.	1.3	10
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2114	Yeast as a Model System to Study DNA Damage and DNA Repair. , 2008, , 445-453.		4
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