

A system of shuttle vectors and yeast host strains designed for the expression of recombinant DNA in *Saccharomyces cerevisiae*.

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cloning and structure of a yeast gene encoding a general transcription initiation factor TFIIID that binds to the TATA box. <i>Nature</i> , 1989, 341, 299-303.	13.7	323
2	SPT15, the gene encoding the yeast TATA binding factor TFIIID, is required for normal transcription initiation in vivo. <i>Cell</i> , 1989, 58, 1183-1191.	13.5	268
3	Construction of human chromosome 21-specific yeast artificial chromosomes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 9991-9995.	3.3	77
5	REB1, a yeast DNA-binding protein with many targets, is essential for growth and bears some resemblance to the oncogene myb.. <i>Molecular and Cellular Biology</i> , 1990, 10, 5226-5234.	1.1	138
6	Isolation, sequencing, and disruption of the yeast CKA2 gene: casein kinase II is essential for viability in <i>Saccharomyces cerevisiae</i> .. <i>Molecular and Cellular Biology</i> , 1990, 10, 4089-4099.	1.1	380
7	Modification and transfer into an embryonal carcinoma cell line of a 360-kilobase human-derived yeast artificial chromosome.. <i>Molecular and Cellular Biology</i> , 1990, 10, 4163-4169.	1.1	93
8	Null alleles of SAC7 suppress temperature-sensitive actin mutations in <i>Saccharomyces cerevisiae</i> .. <i>Molecular and Cellular Biology</i> , 1990, 10, 2308-2314.	1.1	53
9	Localization of sequences required in cis for yeast Ty1 element transposition near the long terminal repeats: analysis of mini-Ty1 elements.. <i>Molecular and Cellular Biology</i> , 1990, 10, 2695-2702.	1.1	75
10	The N-terminal TPR region is the functional domain of SSN6, a nuclear phosphoprotein of <i>Saccharomyces cerevisiae</i> .. <i>Molecular and Cellular Biology</i> , 1990, 10, 4744-4756.	1.1	143
11	Identification of positive-acting domains in GCN2 protein kinase required for translational activation of GCN4 expression.. <i>Molecular and Cellular Biology</i> , 1990, 10, 2820-2831.	1.1	123
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14	Transcriptional derepression of the <i>Saccharomyces cerevisiae</i> HSP26 gene during heat shock.. <i>Molecular and Cellular Biology</i> , 1990, 10, 6362-6373.	1.1	49
15	Disruption of the actin cytoskeleton in yeast capping protein mutants. <i>Nature</i> , 1990, 344, 352-354.	13.7	163
16	Reduced levels of hsp90 compromise steroid receptor action in vivo. <i>Nature</i> , 1990, 348, 166-168.	13.7	807
17	Conjugative transfer and autonomous replication of a promiscuous IncQ plasmid in the cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Molecular Genetics and Genomics</i> , 1990, 221, 129-133.	2.4	47
18	An effective transformation method for <i>Hansenula polymorpha</i> . <i>Current Genetics</i> , 1990, 18, 169-170.	0.8	39
19	Functional analysis of the sporulation-specific SPR6 gene of <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1990, 18, 293-301.	0.8	15

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21	The CHL 1 (CTF 1) gene product of <i>Saccharomyces cerevisiae</i> is important for chromosome transmission and normal cell cycle progression in G2/M.. <i>EMBO Journal</i> , 1990, 9, 4347-4358.	3.5	135
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36	The NUP1 gene encodes an essential component of the yeast nuclear pore complex. <i>Cell</i> , 1990, 61, 965-978.	13.5	230
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39	Disruption of the gene XRN1, coding for a 5'→3' exoribonuclease, restricts yeast cell growth. <i>Gene</i> , 1990, 95, 85-90.	1.0	142
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2831	A <i>Saccharomyces servazzii</i> clone homologous to <i>Saccharomyces cerevisiae</i> chromosome III spanning KAR4, ARS 304 and SPB1 lacks the recombination enhancer but contains an unknown ORF. <i>Yeast</i> , 2001, 18, 789-795.	0.8	5
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2835	Malo-ethanolic fermentation in grape must by recombinant strains of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2001, 18, 963-970.	0.8	40
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2841	Isolation and study of KILSM4, a <i>Kluyveromyces lactis</i> gene homologous to the essential gene LSM4 of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2001, 18, 1249-1256.	0.8	26
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2849	Cloning and sequence analysis of the LEU2 homologue gene from <i>Pichia anomala</i> . <i>Yeast</i> , 2001, 18, 1441-1448.	0.8	7
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5263	A conserved motif within RAP1 has diversified roles in telomere protection and regulation in different organisms. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 213-221.	3.6	100
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5267	Increasing free-energy (ATP) conservation in maltose-grown <i>Saccharomyces cerevisiae</i> by expression of a heterologous maltose phosphorylase. <i>Metabolic Engineering</i> , 2011, 13, 518-526.	3.6	49
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5272	Guanine repeat-containing sequences confer transcription-dependent instability in an orientation-specific manner in yeast. <i>DNA Repair</i> , 2011, 10, 953-960.	1.3	46
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6363	Rapid and stable production of 2,3-butanediol by an engineered <i>Saccharomyces cerevisiae</i> strain in a continuous airlift bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 305-311.	1.4	8
6364	Mitochondrial Voltage-Dependent Anion Channel Protein Por1 Positively Regulates the Nuclear Localization of <i>Saccharomyces cerevisiae</i> AMP-Activated Protein Kinase. <i>MSphere</i> , 2018, 3, .	1.3	8
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6367	Characterization of a yeast sporulation-specific P450 family protein, Dit2, using an in vitro assay to crosslink formyl tyrosine. <i>Journal of Biochemistry</i> , 2018, 163, 123-131.	0.9	2
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6369	An efficient method for isolating mating-competent cells from bottom-fermenting yeast using mating pheromone-supersensitive mutants. <i>Yeast</i> , 2018, 35, 129-139.	0.8	9
6370	Selection of yeast <i>Saccharomyces cerevisiae</i> promoters available for xylose cultivation and fermentation. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 76-86.	1.1	19
6371	CRISPR/Cpf1 enables fast and simple genome editing of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2018, 35, 201-211.	0.8	100
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6375	Molecular dynamics simulations of Hsp40-domain mutants identifies disruption of the critical HPD-motif as the key factor for impaired curing <i>in vivo</i> of the yeast prion [URE3]. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1764-1775.	2.0	5
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6385	MICU1 Confers Protection from MCU-Dependent Manganese Toxicity. <i>Cell Reports</i> , 2018, 25, 1425-1435.e7.	2.9	26
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