

Polyploidy can drive rapid adaptation in yeast

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Adaptation to High Ethanol Reveals Complex Evolutionary Pathways. <i>PLoS Genetics</i> , 2015, 11, e1005635.	1.5	173
2	The expanding implications of polyploidy. <i>Journal of Cell Biology</i> , 2015, 209, 485-491.	2.3	177
3	Origin and Evolution of Wheat and Related Triticeae Species. , 2015, , 21-76.		50
4	Genomics and the making of yeast biodiversity. <i>Current Opinion in Genetics and Development</i> , 2015, 35, 100-109.	1.5	105
5	Genome management and mismanagement—cell-level opportunities and challenges of whole-genome duplication. <i>Genes and Development</i> , 2015, 29, 2405-2419.	2.7	33
6	Experimental evolution of the model eukaryote <i>Saccharomyces cerevisiae</i> yields insight into the molecular mechanisms underlying adaptation. <i>Current Opinion in Microbiology</i> , 2015, 28, 1-9.	2.3	35
7	Polyloid gains. <i>Nature Reviews Genetics</i> , 2015, 16, 196-196.	7.7	4
8	Karyotypic Aberrations in Oncogenesis and Cancer Therapy. <i>Trends in Cancer</i> , 2015, 1, 124-135.	3.8	28
9	Evidence for Adaptation to the Tibetan Plateau Inferred from Tibetan Loach Transcriptomes. <i>Genome Biology and Evolution</i> , 2015, 7, 2970-2982.	1.1	70
10	Genomic investigations of evolutionary dynamics and epistasis in microbial evolution experiments. <i>Current Opinion in Genetics and Development</i> , 2015, 35, 33-39.	1.5	59
11	Shift and adapt: the costs and benefits of karyotype variations. <i>Current Opinion in Microbiology</i> , 2015, 26, 130-136.	2.3	37
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17	Experimental evolution in fungi: An untapped resource. <i>Fungal Genetics and Biology</i> , 2016, 94, 88-94.	0.9	29
18	Heterozygote Advantage Is a Common Outcome of Adaptation in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2016, 203, 1401-1413.	1.2	38

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19	Whole Genome Analysis of 132 Clinical <i>Saccharomyces cerevisiae</i> Strains Reveals Extensive Ploidy Variation. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2421-2434.	0.8	129
20	Genomic Instability Is Induced by Persistent Proliferation of Cells Undergoing Epithelial-to-Mesenchymal Transition. <i>Cell Reports</i> , 2016, 17, 2632-2647.	2.9	93
21	Ploidy dynamics and evolvability in fungi. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150461.	1.8	46
22	Effects of polyploidy and reproductive mode on life history trait expression. <i>Ecology and Evolution</i> , 2016, 6, 765-778.	0.8	27
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24	Genome of Plant Maca (<i>Lepidium meyenii</i>) Illuminates Genomic Basis for High-Altitude Adaptation in the Central Andes. <i>Molecular Plant</i> , 2016, 9, 1066-1077.	3.9	69
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26	Aneuploid embryonic stem cells exhibit impaired differentiation and increased neoplastic potential. <i>EMBO Journal</i> , 2016, 35, 2285-2300.	3.5	40
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38	Mechanisms and Consequences of Cancer Genome Instability: Lessons from Genome Sequencing Studies. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 283-312.	9.6	106
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120	Global analysis of genetic circuitry and adaptive mechanisms enabling resistance to the azole antifungal drugs. <i>PLoS Genetics</i> , 2018, 14, e1007319.	1.5	37
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131	Early consequences of allopolyploidy alter floral evolution in <i>Nicotiana</i> (Solanaceae). <i>BMC Plant Biology</i> , 2019, 19, 162.	1.6	9
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147	Sequencing and Analyzing the Transcriptomes of a Thousand Species Across the Tree of Life for Green Plants. <i>Annual Review of Plant Biology</i> , 2020, 71, 741-765.	8.6	41
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149	Yeast chromosomal engineering to improve industrially-relevant phenotypes. <i>Current Opinion in Biotechnology</i> , 2020, 66, 165-170.	3.3	11
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151	A novel allele of ASY3 is associated with greater meiotic stability in autotetraploid <i>Arabidopsis lyrata</i> . <i>PLoS Genetics</i> , 2020, 16, e1008900.	1.5	26
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