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## The genome sequence of *Schizosaccharomyces pombe*

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1416	Ctr6, a vacuolar membrane copper transporter in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 277, 46676-86		69
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1414	What is finished, and why does it matter. <b>2002</b> , 12, 669-71		50
1413	Conservation of a portion of the <i>S. cerevisiae</i> Ure2p prion domain that interacts with the full-length protein. <b>2002</b> , 99 Suppl 4, 16384-91		76
1412	Histone H3 lysine 4 methylation is mediated by Set1 and promotes maintenance of active chromatin states in fission yeast. <b>2002</b> , 99 Suppl 4, 16438-45		100
1411	GTP-yeast actin. <b>2002</b> , 277, 41101-9		12
1410	Identification of mammalian mitochondrial translational initiation factor 3 and examination of its role in initiation complex formation with natural mRNAs. <b>2002</b> , 277, 35541-9		93
1409	Fep1, an iron sensor regulating iron transporter gene expression in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 277, 22950-8		100
1408	Replicational organization of three weakly expressed loci in <i>Physarum polycephalum</i> . <b>2002</b> , 30, 2261-9		3
1407	Abundant poly(A)-bearing RNAs that lack open reading frames in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 9, 209-15		19
1406	Phosphorylation of eukaryotic initiation factor 2 by heme-regulated inhibitor kinase-related protein kinases in <i>Schizosaccharomyces pombe</i> is important for resistance to environmental stresses. <b>2002</b> , 22, 7134-46		60
1405	Dicer is required for chromosome segregation and gene silencing in fission yeast cells. <b>2002</b> , 99, 16648-53		109
1404	Focus on InterPro. <b>2002</b> , 3, 221-223		1
1403	GenomeHistory: a software tool and its application to fully sequenced genomes. <b>2002</b> , 30, 3378-86		59

1402	A fourth component of the fission yeast gamma-tubulin complex, Alp16, is required for cytoplasmic microtubule integrity and becomes indispensable when gamma-tubulin function is compromised. <b>2002</b> , 13, 2360-73	56
1401	Distinct roles for glutathione S-transferases in the oxidative stress response in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 277, 35523-31	105
1400	Minimal introns are not "junk". <b>2002</b> , 12, 1185-9	65
1399	The Ran GTPase system in fission yeast affects microtubules and cytokinesis in cells that are competent for nucleocytoplasmic protein transport. <b>2002</b> , 22, 8491-505	28
1398	Two ras pathways in fission yeast are differentially regulated by two ras guanine nucleotide exchange factors. <b>2002</b> , 22, 4598-606	63
1397	Identification and characterization of transcription factor IIIA from <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 30, 2772-81	14
1396	Interactions between two fission yeast serine/arginine-rich proteins and their modulation by phosphorylation. <b>2002</b> , 368, 527-34	17
1395	The transposable elements of the <i>Drosophila melanogaster</i> euchromatin: a genomics perspective. <b>2002</b> , 3, RESEARCH0084	387
1394	Hmo1, an HMG-box protein, belongs to the yeast ribosomal DNA transcription system. <b>2002</b> , 21, 5498-507	84
1393	Second Fungal Genome Sequenced. <b>2002</b> , 106, 386	2
1392	Regulation of heterochromatic silencing and histone H3 lysine-9 methylation by RNAi. <b>2002</b> , 297, 1833-7	1653
1391	RNAi hushes heterochromatin. <b>2002</b> , 3, REVIEWS1035	12
1390	The model unicellular eukaryote, <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 3, COMMENT2003	26
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1385	The constraints protein-protein interactions place on sequence divergence. <b>2002</b> , 324, 399-407	92

1384	Functional characterization of 4?-phosphopantetheinyl transferase genes of bacterial and fungal origin by complementation of <i>Saccharomyces cerevisiae</i> <i>lys5</i> . <b>2002</b> , 213, 51-57	8
1383	Predicting the distribution, conservation, and functions of SNAREs and related proteins in fungi. <b>2002</b> , 36, 1-21	56
1382	Meiotic recombination remote from prominent DNA break sites in <i>S. pombe</i> . <b>2002</b> , 9, 253-63	106
1381	Is the number of genes we possess limited by the presence of an adaptive immune system?. <b>2002</b> , 23, 351-5	10
1380	The 22nd International Specialized Symposium on Yeasts (ISSY 2002) Yeast Fermentations and Other Yeast Bioprocesses <b>2002</b> , 2, 429-432	
1379	Genomic approaches to fungal pathogenicity. <b>2002</b> , 5, 372-8	33
1378	Genomics of parasitic and symbiotic fungi. <b>2002</b> , 5, 513-9	66
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1376	The evolution of developmental regulatory pathways. <b>2002</b> , 12, 695-700	11
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1374	Fission yeast blooms in Kyoto. <b>2002</b> , 18, 342-3	
1373	In this Issue. <b>2002</b> , 106, 385-386	
1372	Genome sequencing: and then there were six. <b>2002</b> , 12, R294-6	2
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1369	Cyclin dependent kinases and cell cycle control (nobel lecture). <b>2002</b> , 3, 596-603	93
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1366	Website review: how to get the best from fission yeast genome data. <b>2002</b> , 3, 282-8	8
1365	Featured organism: <i>Schizosaccharomyces pombe</i> , the fission yeast. <b>2002</b> , 3, 194-204	7
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1363	Intron positions delineate the evolutionary path of a pervasively appended peptide in five human aminoacyl-tRNA synthetases. <b>2002</b> , 55, 727-33	20
1362	Prospects for functional genomics in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 42, 73-84	19
1361	Phylogenetic classification of transporters and other membrane proteins from <i>Saccharomyces cerevisiae</i> . <b>2002</b> , 2, 154-70	50
1360	Calcineurin phosphatase in signal transduction: lessons from fission yeast. <b>2002</b> , 7, 619-27	42
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1358	What similarity between human and fission yeast proteins is required for orthology?. <b>2002</b> , 19, 1125-6	11
1357	Genome-wide search of <i>Schizosaccharomyces pombe</i> genes causing overexpression-mediated cell cycle defects. <b>2002</b> , 19, 1139-51	18
1356	Sequence and analysis of chromosome 2 of <i>Dictyostelium discoideum</i> . <i>Nature</i> , <b>2002</b> , 418, 79-85	50.4 158
1355	Genome sequence of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Nature</i> , <b>2002</b> , 419, 498-511	50.4 3336
1354	Brouhaha over the other yeast. <i>Nature</i> , <b>2002</b> , 415, 845-8	50.4 15
1353	How insects lose their limbs. <i>Nature</i> , <b>2002</b> , 415, 848-9	50.4 31
1352	The transcriptional program of meiosis and sporulation in fission yeast. <b>2002</b> , 32, 143-7	409
1351	The origin and evolution of model organisms. <b>2002</b> , 3, 838-49	593
1350	Functional characterization of 4'-phosphopantetheinyl transferase genes of bacterial and fungal origin by complementation of <i>Saccharomyces cerevisiae</i> <i>lys5</i> . <b>2002</b> , 213, 51-7	54
1349	The 22nd International Specialized Symposium on Yeasts (ISSY 2002) 'yeast fermentations and other yeast bioprocesses'. <b>2002</b> , 2, 429-32	0

1348	Gene expression profiling: methodological challenges, results, and prospects for addiction research. <b>2002</b> , 121, 241-56	41
1347	Nobel Lecture. Cyclin dependent kinases and cell cycle control. <b>2002</b> , 22, 487-99	101
1346	Pre-spliceosome formation in <i>S.pombe</i> requires a stable complex of SF1-U2AF(59)-U2AF(23). <b>2002</b> , 21, 5516-26	48
1345	Plo1(+) regulates gene transcription at the M-G(1) interval during the fission yeast mitotic cell cycle. <b>2002</b> , 21, 5745-55	34
1344	Crawling into a new era-the Dictyostelium genome project. <b>2003</b> , 22, 1941-6	27
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1341	An inventory of the P-type ATPases in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2003</b> , 43, 273-80	11
1340	Revamp a model-status and prospects of the Dictyostelium genome project. <b>2003</b> , 44, 59-72	13
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1337	Strand compositional asymmetries of nuclear DNA in eukaryotes. <b>2003</b> , 57, 325-34	18
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1314	Overlapping omt1 <sup>+</sup> and omt2 <sup>+</sup> genes are required for spore wall maturation in <i>Schizosaccharomyces pombe</i> . <b>2003</b> , 8, 547-58	9
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1310	DNA sequence of the mat2,3 region of Schizosaccharomyces kambucha shares high homology with the corresponding sequence from Sz. pombe. <b>2003</b> , 20, 1273-8	8
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1301	GermOnline, a new cross-species community annotation database on germ-line development and gametogenesis. <b>2003</b> , 35, 291-2	18
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1258	A novel jmjC domain protein modulates heterochromatization in fission yeast. <b>2003</b> , 23, 4356-70	115
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1256	Schizosaccharomyces pombe essential genes: a pilot study. <b>2003</b> , 13, 399-406	61
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1244	RNA interference, transposons, and the centromere. <b>2003</b> , 15, 297-301	52
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1238	INT6: A Link Between the Proteasome and Tumorigenesis. <b>2003</b> , 2, 80-82	11
1237	Sim4: a novel fission yeast kinetochore protein required for centromeric silencing and chromosome segregation. <b>2003</b> , 161, 295-307	99
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1235	Genome Sequencing, Assembly and Gene Prediction in Fungi. <b>2003</b> , 3, 65-81	1
1234	Molecular evolution of eukaryotic genomes: hemiascomycetous yeast spliceosomal introns. <b>2003</b> , 31, 1121-35	101
1233	<i>Azolla</i> --a model organism for plant genomic studies. <b>2003</b> , 1, 15-25	12
1232	Super models. <b>2003</b> , 13, 15-24	61
1231	Increasing biological complexity is positively correlated with the relative genome-wide expansion of non-protein-coding DNA sequences. <b>2003</b> , 5, P1	30
1230	Vesicle-mediated protein transport pathways to the vacuole in <i>Schizosaccharomyces pombe</i> . <b>2003</b> , 28, 399-417	43
1229	A report on single exon genes (SEG) in eukaryotes. <b>2004</b> , 9, 3262-7	21
1228	Cell cycle molecules and mechanisms of the budding and fission yeasts. <b>2005</b> , 296, 3-29	17
1227	Parasite Genomics Protocols. <b>2004</b> ,	2
1226	The nucleolus is involved in mRNA export from the nucleus in fission yeast. <b>2004</b> , 117, 2887-95	37
1225	Meiotic chromosome segregation mutants identified by insertional mutagenesis of fission yeast <i>Schizosaccharomyces pombe</i> ; tandem-repeat, single-site integrations. <b>2004</b> , 32, 4400-10	10
1224	Differential gene expression in auristatin PHE-treated <i>Cryptococcus neoformans</i> . <b>2004</b> , 48, 561-7	8
1223	A comparative analysis of an orthologous proteomic environment in the yeasts <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 3, 125-32	31

1222	The splicing factor U2AF small subunit is functionally conserved between fission yeast and humans. <b>2004</b> , 24, 4229-40	37
1221	Forespore membrane assembly in yeast: coordinating SPBs and membrane trafficking. <b>2004</b> , 117, 389-96	80
1220	Genome-wide prediction of stop codon readthrough during translation in the yeast <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 32, 6605-16	57
1219	pdf1, a palmitoyl protein thioesterase 1 Ortholog in <i>Schizosaccharomyces pombe</i> : a yeast model of infantile Batten disease. <b>2004</b> , 3, 302-10	11
1218	Global gene expression responses of fission yeast to ionizing radiation. <b>2004</b> , 15, 851-60	56
1217	Role of the alpha-glucanase Agn1p in fission-yeast cell separation. <b>2004</b> , 15, 3903-14	99
1216	Proteomic study for the cellular responses to Cd <sup>2+</sup> in <i>Schizosaccharomyces pombe</i> through amino acid-coded mass tagging and liquid chromatography tandem mass spectrometry. <b>2004</b> , 3, 596-607	59
1215	Suppressors of an adenylate cyclase deletion in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 3, 610-9	40
1214	Five genes involved in biosynthesis of the pyruvylated Galbeta1,3-epitope in <i>Schizosaccharomyces pombe</i> N-linked glycans. <b>2004</b> , 279, 35644-55	28
1213	Requirements of fission yeast septins for complex formation, localization, and function. <b>2004</b> , 15, 5551-64	68
1212	Control of Late Meiosis and Ascospore Formation. <b>2004</b> , 311-327	21
1211	A novel phosphatidylinositol(3,4,5)P3 pathway in fission yeast. <b>2004</b> , 166, 205-11	72
1210	A novel type of silencing factor, Clr2, is necessary for transcriptional silencing at various chromosomal locations in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 32, 4421-8	8
1209	Genome update: Length distributions of sequenced prokaryotic genomes. <b>2004</b> , 150, 513-516	9
1208	Eukaryotic regulatory element conservation analysis and identification using comparative genomics. <b>2004</b> , 14, 451-8	113
1207	Comparative genomics of transcriptional control in the human malaria parasite <i>Plasmodium falciparum</i> . <b>2004</b> , 14, 1548-54	192
1206	Atf1-Pcr1-M26 complex links stress-activated MAPK and cAMP-dependent protein kinase pathways via chromatin remodeling of <i>cgs2+</i> . <b>2004</b> , 279, 50857-63	37
1205	Swi5 acts in meiotic DNA joint molecule formation in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 168, 1891-8	44

1204	Rice Blast: Interaction with Rice and Control. <b>2004</b> ,	1
1203	Neurospora in Temperate Forests of Western North America. <b>2004</b> , 96, 66	31
1202	In vivo activation of protein kinase A in <i>Schizosaccharomyces pombe</i> requires threonine phosphorylation at its activation loop and is dependent on PDK1. <b>2004</b> , 168, 1843-53	19
1201	The <i>Ashbya</i> Genome Database (AGD)--a tool for the yeast community and genome biologists. <b>2005</b> , 33, D348-52	15
1200	Comparative analysis detects dependencies among the 5' splice-site positions. <b>2004</b> , 10, 828-40	151
1199	Fkh2p and Sep1p regulate mitotic gene transcription in fission yeast. <b>2004</b> , 117, 5623-32	57
1198	CYGD: the Comprehensive Yeast Genome Database. <b>2005</b> , 33, D364-8	242
1197	<i>Schizosaccharomyces pombe</i> Pmr1p is essential for cell wall integrity and is required for polarized cell growth and cytokinesis. <b>2004</b> , 3, 1124-35	32
1196	Introns and splicing elements of five diverse fungi. <b>2004</b> , 3, 1088-100	215
1195	Conserved and nonconserved proteins for meiotic DNA breakage and repair in yeasts. <b>2004</b> , 167, 593-605	94
1194	A workshop report on wheat genome sequencing: International Genome Research on Wheat Consortium. <b>2004</b> , 168, 1087-96	245
1193	Robustness of metabolic map reconstruction. <b>2004</b> , 2, 589-93	1
1192	The <i>Ashbya gossypii</i> genome as a tool for mapping the ancient <i>Saccharomyces cerevisiae</i> genome. <b>2004</b> , 304, 304-7	558
1191	Enrichment of transcriptional regulatory sites in non-coding genomic region. <b>2004</b> , 20, 569-75	5
1190	Expression and complexity of the PRT1 multigene family of <i>Pneumocystis carinii</i> . <b>2004</b> , 150, 293-300	23
1189	Conservation and evolution of cis-regulatory systems in ascomycete fungi. <b>2004</b> , 2, e398	174
1188	Integrative annotation of 21,037 human genes validated by full-length cDNA clones. <b>2004</b> , 2, e162	255
1187	A phylogenomic approach to reconstructing the diversification of serine proteases in fungi. <b>2004</b> , 17, 1204-14	58

1186	Mediator is required for activated transcription in a Schizosaccharomyces pombe in vitro system. <b>2004</b> , 271, 2561-72	11
1185	An interactive gene network for securin-separase, condensin, cohesin, Dis1/Mtc1 and histones constructed by mass transformation. <b>2004</b> , 9, 1069-82	31
1184	Yeast genome sequencing: the power of comparative genomics. <b>2004</b> , 53, 381-9	84
1183	Characterisation and expression of a gene encoding a mutarotase from the fungus Rhizopus nigricans. <b>2004</b> , 235, 101-108	2
1182	Genome sequence of the lignocellulose degrading fungus Phanerochaete chrysosporium strain RP78. <b>2004</b> , 22, 695-700	710
1181	Periodic gene expression program of the fission yeast cell cycle. <b>2004</b> , 36, 809-17	402
1180	How did alternative splicing evolve?. <b>2004</b> , 5, 773-82	429
1179	PRMT3 is a ribosomal protein methyltransferase that affects the cellular levels of ribosomal subunits. <b>2004</b> , 23, 2641-50	129
1178	A chromodomain protein, Chp1, is required for the establishment of heterochromatin in fission yeast. <b>2004</b> , 23, 3825-35	174
1177	Genome sequence of the ultrasmall unicellular red alga Cyanidioschyzon merolae 10D. <i>Nature</i> , <b>2004</b> , 428, 653-7	50.4 907
1176	Genome evolution in yeasts. <i>Nature</i> , <b>2004</b> , 430, 35-44	50.4 1324
1175	Conservation of protein-protein interactions - lessons from ascomycota. <b>2004</b> , 20, 72-6	33
1174	New type of polyubiquitin-like genes with intein-like autoprocessing domains. <b>2004</b> , 20, 538-42	20
1173	Evolutionary dynamics of transposable elements at the centromere. <b>2004</b> , 20, 611-6	70
1172	Production of recombinant human lysosomal acid lipase in Schizosaccharomyces pombe: development of a fed-batch fermentation and purification process. <b>2004</b> , 98, 366-73	23
1171	Characterization of two fructosyl-amino acid oxidase homologs of Schizosaccharomyces pombe. <b>2004</b> , 97, 278-80	7
1170	AFLP analysis of Fusarium species in the section Sporotrichiella-evidence for Fusarium langsethiae as a new species. <b>2004</b> , 95, 297-304	27
1169	Effects of single-stranded DNA binding proteins on primer extension by telomerase. <b>2004</b> , 1679, 129-40	25

1168	Kinetochore and heterochromatin domains of the fission yeast centromere. <b>2004</b> , 12, 521-34	100
1167	Changes in gene expression at the precursor --> stem cell transition in leech. <b>2004</b> , 22, 514-21	2
1166	The transcription factor Pap1/Caf3 plays a central role in the determination of caffeine resistance in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 271, 161-70	15
1165	Glutamic protease distribution is limited to filamentous fungi. <b>2004</b> , 239, 95-101	37
1164	A distinct type of alcohol dehydrogenase, adh4+, complements ethanol fermentation in an adh1-deficient strain of <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 4, 649-54	13
1163	Ferrichrome in <i>Schizosaccharomyces pombe</i> --an iron transport and iron storage compound. <b>2004</b> , 17, 647-54	49
1162	The <i>Metarhizium anisopliae</i> trp1 gene: cloning and regulatory analysis. <b>2004</b> , 49, 66-70	3
1161	RNA polymerase II transcription apparatus in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 44, 287-94	16
1160	A fission yeast strain expressing human CDC25A phosphatase: a tool for selectivity studies of pharmacological inhibitors of CDC25. <b>2004</b> , 45, 283-8	5
1159	Molecular evolution of FtsZ protein sequences encoded within the genomes of archaea, bacteria, and eukaryota. <b>2004</b> , 58, 19-29	144
1158	Molecular evolution in large genetic networks: does connectivity equal constraint?. <b>2004</b> , 58, 203-11	121
1157	The origin of eukaryotes is suggested as the symbiosis of pyrococcus into gamma-proteobacteria by phylogenetic tree based on gene content. <b>2004</b> , 59, 606-19	38
1156	Function-dependent clustering of orthologues and paralogues of cyclophilins. <b>2004</b> , 56, 808-20	37
1155	Has the yo-yo stopped? An assessment of human protein-coding gene number. <b>2004</b> , 4, 1712-26	75
1154	A DNA microarray for fission yeast: minimal changes in global gene expression after temperature shift. <b>2004</b> , 21, 25-39	37
1153	A new approach to species determination for yeast strains: DNA microarray-based comparative genomic hybridization using a yeast DNA microarray with 6000 genes. <b>2004</b> , 21, 351-65	22
1152	A simple and efficient procedure for transformation of <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 21, 613-7	64
1151	Identification of genes encoding putative nucleoporins and transport factors in the fission yeast <i>Schizosaccharomyces pombe</i> : a deletion analysis. <b>2004</b> , 21, 495-509	42



1150	Posttranslational activation, site-directed mutation and phylogenetic analyses of the lysine biosynthesis enzymes alpha-aminoadipate reductase Lys1p (AAR) and the phosphopantetheinyl transferase Lys7p (PPTase) from <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 21, 1279-88	9
1149	Hop: more than an Hsp70/Hsp90 adaptor protein. <b>2004</b> , 26, 1058-68	177
1148	A note on clustering the functionally-related paralogues and orthologues of proteins: a case of the FK506-binding proteins (FKBPs). <b>2004</b> , 28, 129-40	30
1147	A set of loxP marker cassettes for Cre-mediated multiple gene disruption in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 68, 545-50	44
1146	The structure of cell wall alpha-glucan from fission yeast. <b>2005</b> , 15, 245-57	82
1145	Recent progress, developments, and issues in comparative fungal genomics. <b>2004</b> , 26, 19-30	7
1144	Analysis of Phenetic Trees Based on Metabolic Capabilities Across the Three Domains of Life. <b>2004</b> , 48, 491-491	
1143	Structure, function, and mechanism of ribonucleotide reductases. <b>2004</b> , 1699, 1-34	199
1142	Glutathione, altruistic metabolite in fungi. <b>2004</b> , 49, 1-76	205
1141	Cell Cycle Control. <b>2004</b> ,	1
1140	The Molecular Biology of <i>Schizosaccharomyces pombe</i> . <b>2004</b> ,	21
1139	Complete genome sequence of the apicomplexan, <i>Cryptosporidium parvum</i> . <b>2004</b> , 304, 441-5	757
1138	GeneDB: a resource for prokaryotic and eukaryotic organisms. <b>2004</b> , 32, D339-43	190
1137	Plant Surface Microbiology. <b>2004</b> ,	9
1136	Global expression changes resulting from loss of telomeric DNA in fission yeast. <b>2005</b> , 6, R1	32
1135	A comprehensive evolutionary classification of proteins encoded in complete eukaryotic genomes. <b>2004</b> , 5, R7	602
1134	Representing GC variation along eukaryotic chromosomes. <b>2004</b> , 333, 135-41	31
1133	Src proteins/src genes: from sponges to mammals. <b>2004</b> , 342, 251-61	13

1132	Characterisation and expression of a gene encoding a mutarotase from the fungus <i>Rhizopus nigricans</i> . <b>2004</b> , 235, 101-8	1
1131	Evolution of the gene encoding mitochondrial intermediate peptidase and its cosegregation with the A mating-type locus of mushroom fungi. <b>2004</b> , 41, 381-90	44
1130	Insight into the genome of <i>Aspergillus fumigatus</i> : analysis of a 922 kb region encompassing the nitrate assimilation gene cluster. <b>2004</b> , 41, 443-53	50
1129	A comparative genomic analysis of the calcium signaling machinery in <i>Neurospora crassa</i> , <i>Magnaporthe grisea</i> , and <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 41, 827-41	113
1128	A comparison of the nature and abundance of microsatellites in 14 fungal genomes. <b>2004</b> , 41, 1025-36	103
1127	Differential expression and role of two dithiol glutaredoxins Grx1 and Grx2 in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 321, 922-9	15
1126	Protocols for experimentation with <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 33, 187-8	9
1125	Analysis of phenetic trees based on metabolic capabilities across the three domains of life. <b>2004</b> , 340, 491-512	27
1124	The human protein translin specifically binds single-stranded microsatellite repeats, d(GT) <sub>n</sub> , and G-strand telomeric repeats, d(TTAGGG) <sub>n</sub> : a study of the binding parameters. <b>2004</b> , 344, 939-50	28
1123	The fission yeast TOR proteins and the rapamycin response: an unexpected tale. <b>2004</b> , 279, 85-95	26
1122	Proteomics and data standardisation. <b>2004</b> , 2, 91-93	2
1121	Functional roles for evolutionarily conserved Spt4p at centromeres and heterochromatin in <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 23, 1804-14	47
1120	Expressed sequence tags: medium-throughput protocols. <b>2004</b> , 270, 75-92	8
1119	Cloning and overexpression of the old yellow enzyme gene of <i>Candida macedoniensis</i> , and its application to the production of a chiral compound. <b>2004</b> , 114, 1-9	75
1118	Genomic and Proteomic Databases and Applications: A Challenge for Database Technology. <b>2004</b> , 1-24	1
1117	Functional Genomic Analysis of the Rice Blast Fungus <i>Magnaporthe grisea</i> . <b>2004</b> , 331-352	1
1116	Molecular analysis of muskellin identifies a conserved discoidin-like domain that contributes to protein self-association. <b>2004</b> , 381, 547-59	17
1115	Genomics in <i>Neurospora crassa</i> : From One-Gene-One-Enzyme to 10,000 Genes. <b>2004</b> , 295-313	

1114	Yeast transport-ATPases and the genome-sequencing project. <b>2004</b> , 43, 493-536	4
1113	Neurospora in temperate forests of western North America. <b>2004</b> , 96, 66-74	53
1112	Unsupervised Machine Learning to Support Functional Characterization of Genes: Emphasis on Cluster Description and Class Discovery. <b>2005</b> , 175-192	
1111	Gene Silencing as a Tool for the Identification of Gene Function in Fungi. <b>2005</b> , 93-116	
1110	Phanerochaete chrysosporium Genomics. <b>2005</b> , 5, 315-352	6
1109	Completed Genomes: Bacteria and Archaea. <b>2005</b> , 464-500	
1108	[Yeast as a model system for drug discovery]. <b>2005</b> , 125, 213-8	1
1107	Nep1, a Schizosaccharomyces pombe deneddylating enzyme. <b>2005</b> , 389, 307-14	19
1106	Manganese superoxide dismutase in pathogenic fungi: an issue with pathophysiological and phylogenetic involvements. <b>2005</b> , 45, 411-22	35
1105	Evolutionary patterns of non-coding RNAs. <b>2005</b> , 123, 301-69	59
1104	Efficient conversion of 11-deoxycortisol to cortisol (hydrocortisone) by recombinant fission yeast Schizosaccharomyces pombe. <b>2005</b> , 5, 621-5	52
1103	Multiple genetic and biochemical interactions of Brr2, Prp8, Prp31, Prp1 and Prp4 kinase suggest a function in the control of the activation of spliceosomes in Schizosaccharomyces pombe. <b>2005</b> , 48, 151-61	28
1102	Yeast evolution and comparative genomics. <b>2005</b> , 59, 135-53	106
1101	Comprehensive analysis of heterochromatin- and RNAi-mediated epigenetic control of the fission yeast genome. <b>2005</b> , 37, 809-19	395
1100	Synergy between sequence and size in large-scale genomics. <b>2005</b> , 6, 699-708	223
1099	Deciphering the model pathogenic fungus Cryptococcus neoformans. <b>2005</b> , 3, 753-64	247
1098	Structure of palmitoylated BET3: insights into TRAPP complex assembly and membrane localization. <b>2005</b> , 24, 875-84	51
1097	Integration of tools and resources for display and analysis of genomic data for protozoan parasites. <b>2005</b> , 35, 481-93	8

1096	A large-scale screen in <i>S. pombe</i> identifies seven novel genes required for critical meiotic events. <b>2005</b> , 15, 2056-62	91
1095	Manifestations of multicellularity: Dictyostelium reports in. <b>2005</b> , 21, 392-8	32
1094	RNA interference and heterochromatin in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 21, 450-6	120
1093	Large scale hierarchical clustering of protein sequences. <b>2005</b> , 6, 15	44
1092	The evolution of the Sin1 gene product, a little known protein implicated in stress responses and type I interferon signaling in vertebrates. <b>2005</b> , 5, 13	11
1091	The impact of bacterial genomics on natural product research. <b>2005</b> , 44, 6828-46	201
1090	Der Einfluss bakterieller Genomik auf die Naturstoff-Forschung. <b>2005</b> , 117, 6988-7007	37
1089	Identification and comparative analysis of the peptidyl-prolyl cis/trans isomerase repertoires of <i>H. sapiens</i> , <i>D. melanogaster</i> , <i>C. elegans</i> , <i>S. cerevisiae</i> and <i>Sz. pombe</i> . <b>2005</b> , 6, 277-300	43
1088	Gene organization features in A/T-rich organisms. <b>2005</b> , 60, 90-8	22
1087	Heterogeneity of intron presence or absence in rDNA genes of the lichen species <i>Physcia aipolia</i> and <i>P. stellaris</i> . <b>2005</b> , 47, 389-99	25
1086	Identification of genes expressed during spore germination of <i>Mycosphaerella pinodes</i> . <b>2005</b> , 71, 190-195	2
1085	Association between SCMV Resistance and Macroarray-based Expression Patterns in Maize Inbreds. <b>2005</b> , 16, 173-184	5
1084	Telomere maintenance, function and evolution: the yeast paradigm. <b>2005</b> , 13, 535-48	47
1083	A high-throughput structural biology/proteomics beamline at the SRS on a new multipole wiggler. <b>2005</b> , 12, 455-66	29
1082	Pro-oxidant action of phloxine B on fission yeast <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 22, 91-7	14
1081	A systematic nomenclature of chromosomal elements for hemiascomycete yeasts. <b>2005</b> , 22, 337-42	14
1080	Mammalian transcription activation domains of VP16, AP2 and CTF activate transcription in a whole cell extract from <i>Schizosaccharomyces pombe</i> through the SRB/mediator. <b>2005</b> , 22, 511-21	1
1079	The cyclophilin repertoire of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 22, 927-45	13

1078	Additional vectors for PCR-based gene tagging in <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> using nourseothricin resistance. <b>2005</b> , 22, 1061-8	80
1077	Mass spectrometry and database search in the analysis of proteins from the fungus <i>Pleurotus ostreatus</i> . <b>2005</b> , 5, 67-75	13
1076	The first two-dimensional reference map of the fission yeast, <i>Schizosaccharomyces pombe</i> proteins. <b>2005</b> , 5, 1574-9	13
1075	Stress-induced changes in the <i>Schizosaccharomyces pombe</i> proteome using two-dimensional difference gel electrophoresis, mass spectrometry and a novel integrated robotics platform. <b>2005</b> , 5, 1669-85	21
1074	Fungal Genetics: A Post-Genomic Perspective. <b>2005</b> , 65-88	
1073	Genome organization and three kinds of heritable changes: general description and stochastic factors (a review). <b>2005</b> , 10, 335-44	6
1072	Completed Genomes and the Tree of Life. <b>2005</b> , 395-435	
1071	Human Disease. <b>2005</b> , 646-694	
1070	. <b>2005</b> ,	13
1069	Eukaryotic genomics. <b>2005</b> ,	
1068	Eukaryotic Genomes: Fungi. <b>2005</b> , 502-537	
1067	Conserved locus-specific silencing functions of <i>Schizosaccharomyces pombe</i> sir2+. <b>2005</b> , 169, 1243-60	49
1066	Except in every detail: comparing and contrasting G-protein signaling in <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 4, 495-503	63
1065	Comparative genomics and disorder prediction identify biologically relevant SH3 protein interactions. <b>2005</b> , 1, e26	35
1064	Comparing the <i>Dictyostelium</i> and <i>Entamoeba</i> genomes reveals an ancient split in the Conosa lineage. <b>2005</b> , 1, e71	35
1063	A human-curated annotation of the <i>Candida albicans</i> genome. <b>2005</b> , 1, 36-57	249
1062	Expression of a RecQ helicase homolog affects progression through crisis in fission yeast lacking telomerase. <b>2005</b> , 280, 5249-57	41
1061	Regulation of Cdc2p and Cdc13p is required for cell cycle arrest induced by defective RNA splicing in fission yeast. <b>2005</b> , 280, 32640-8	5

1060	Identification of cell cycle-regulated genes in fission yeast. <b>2005</b> , 16, 1026-42	141
1059	The monocarboxylate transporter homolog Mch5p catalyzes riboflavin (vitamin B2) uptake in <i>Saccharomyces cerevisiae</i> . <b>2005</b> , 280, 39809-17	55
1058	Exonic splicing enhancers in fission yeast: functional conservation demonstrates an early evolutionary origin. <b>2005</b> , 19, 242-54	31
1057	The roles of fission yeast <i>ase1</i> in mitotic cell division, meiotic nuclear oscillation, and cytokinesis checkpoint signaling. <b>2005</b> , 16, 1378-95	125
1056	Amiloride uptake and toxicity in fission yeast are caused by the pyridoxine transporter encoded by <i>bsu1+</i> ( <i>car1+</i> ). <b>2005</b> , 4, 319-26	17
1055	The role of heterochromatin in centromere function. <b>2005</b> , 360, 569-79	118
1054	Impairment of the TFIIF-associated CDK-activating kinase selectively affects cell cycle-regulated gene expression in fission yeast. <b>2005</b> , 16, 2734-45	50
1053	Identification and functional analysis of 20 Box H/ACA small nucleolar RNAs (snoRNAs) from <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 280, 16446-55	26
1052	Sequence and comparative genomic analysis of actin-related proteins. <b>2005</b> , 16, 5736-48	89
1051	Cohesins are required for meiotic DNA breakage and recombination in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 102, 10952-7	71
1050	Overexpression Phenotypes of Plk1 and Ndr2 in <i>Schizosaccharomyces Pombe</i> : Fission Yeast System for Mammalian Gene Study. <b>2005</b> , 277-279, 1-6	1
1049	Natural meiotic recombination hot spots in the <i>Schizosaccharomyces pombe</i> genome successfully predicted from the simple sequence motif M26. <b>2005</b> , 25, 9054-62	41
1048	Understanding protein dispensability through machine-learning analysis of high-throughput data. <b>2005</b> , 21, 575-81	76
1047	<i>Ase1p</i> organizes antiparallel microtubule arrays during interphase and mitosis in fission yeast. <b>2005</b> , 16, 1756-68	153
1046	Sequence finishing and gene mapping for <i>Candida albicans</i> chromosome 7 and syntenic analysis against the <i>Saccharomyces cerevisiae</i> genome. <b>2005</b> , 170, 1525-37	18
1045	Evolutionary diversification of DNA methyltransferases in eukaryotic genomes. <b>2005</b> , 22, 1119-28	104
1044	Moving toward a systems biology approach to the study of fungal pathogenesis in the rice blast fungus <i>Magnaporthe grisea</i> . <b>2005</b> , 57, 177-215	15
1043	Effects of the tumor inhibitory triterpenoid avicin G on cell integrity, cytokinesis, and protein ubiquitination in fission yeast. <b>2005</b> , 102, 12771-6	21

1042	Conformational changes induced in the human protein translin and in the single-stranded oligodeoxynucleotides d(GT)(12) and d(TTAGGG)(5) upon binding of these oligodeoxynucleotides by translin. <b>2005</b> , 23, 257-65	6
1041	Genomics of the fungal kingdom: insights into eukaryotic biology. <b>2005</b> , 15, 1620-31	222
1040	Evolution of a large ribosomal RNA multigene family in filamentous fungi: birth and death of a concerted evolution paradigm. <b>2005</b> , 102, 5084-9	149
1039	The role of the regulatory subunit of fission yeast calcineurin for in vivo activity and its relevance to FK506 sensitivity. <b>2005</b> , 280, 12231-8	28
1038	A cysteine-sulfinic acid in peroxiredoxin regulates H <sub>2</sub> O <sub>2</sub> -sensing by the antioxidant Pap1 pathway. <b>2005</b> , 102, 8875-80	198
1037	A mammalian actin substitution in yeast actin (H372R) causes a suppressible mitochondria/vacuole phenotype. <b>2005</b> , 280, 36494-501	22
1036	Systematic deletion analysis of fission yeast protein kinases. <b>2005</b> , 4, 799-813	78
1035	DNA replication origins in the <i>Schizosaccharomyces pombe</i> genome. <b>2005</b> , 102, 337-42	102
1034	Gene discovery and expression profile analysis through sequencing of expressed sequence tags from different developmental stages of the chytridiomycete <i>Blastocladiella emersonii</i> . <b>2005</b> , 4, 455-64	21
1033	A natural meiotic DNA break site in <i>Schizosaccharomyces pombe</i> is a hotspot of gene conversion, highly associated with crossing over. <b>2005</b> , 169, 595-605	41
1032	Survey of simple sequence repeats in completed fungal genomes. <b>2005</b> , 22, 639-49	195
1031	<i>Schizosaccharomyces pombe</i> mst2+ encodes a MYST family histone acetyltransferase that negatively regulates telomere silencing. <b>2005</b> , 25, 8887-903	41
1030	The fission yeast <i>Schizosaccharomyces pombe</i> has two importin- $\alpha$ proteins, Imp1p and Cut15p, which have common and unique functions in nucleocytoplasmic transport and cell cycle progression. <b>2005</b> , 171, 7-21	22
1029	A pre-tRNA carrying intron features typical of Archaea is spliced in yeast. <b>2005</b> , 11, 70-6	10
1028	Analysis of mutant phenotypes and splicing defects demonstrates functional collaboration between the large and small subunits of the essential splicing factor U2AF in vivo. <b>2005</b> , 16, 584-96	12
1027	Transfer RNA gene-targeted integration: an adaptation of retrotransposable elements to survive in the compact <i>Dictyostelium discoideum</i> genome. <b>2005</b> , 110, 288-98	27
1026	The evolution of transposons in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 110, 566-74	10
1025	Role of septins and the exocyst complex in the function of hydrolytic enzymes responsible for fission yeast cell separation. <b>2005</b> , 16, 4867-81	71

1024	Systematic genome-wide annotation of spliceosomal proteins reveals differential gene family expansion. <b>2006</b> , 16, 66-77	75
1023	Psc3 cohesin of <i>Schizosaccharomyces pombe</i> : cell cycle analysis and identification of three distinct isoforms. <b>2005</b> , 386, 613-21	1
1022	Genome evolution: Lessons from <i>Genolevures</i> . <b>2005</b> , 165-196	8
1021	Cloning and characterization of the <i>Schizosaccharomyces pombe</i> homologs of the human protein Translin and the Translin-associated protein TRAX. <b>2005</b> , 33, 4128-39	23
1020	Open reading frames provide a rich pool of potential natural antisense transcripts in fungal genomes. <b>2005</b> , 33, 5034-44	22
1019	Fungal Intervening Sequences. <b>2005</b> , 71-92	3
1018	Characterization of three essential residues in the conserved ATP-binding region of Epstein-Barr virus thymidine kinase. <b>2005</b> , 44, 4785-93	5
1017	Putting microarrays in a context: integrated analysis of diverse biological data. <b>2005</b> , 6, 34-43	55
1016	The three-dimensional structure of the bifunctional 6-hydroxymethyl-7,8-dihydropterin pyrophosphokinase/dihydropteroate synthase of <i>Saccharomyces cerevisiae</i> . <b>2005</b> , 348, 655-70	47
1015	Comparative genomics of <i>Dictyostelium discoideum</i> and <i>Entamoeba histolytica</i> . <b>2005</b> , 8, 606-11	25
1014	How genomics has affected the concept of microbiology. <b>2005</b> , 8, 564-71	35
1013	A cell-free mRNA stability assay reveals conservation of the enzymes and mechanisms of mRNA decay between mosquito and mammalian cell lines. <b>2005</b> , 35, 1321-34	23
1012	Localization and function of three monothiol glutaredoxins in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 330, 604-10	33
1011	Hemiascomycetous yeasts at the forefront of comparative genomics. <b>2005</b> , 15, 614-20	43
1010	Characterisation of two novel fork-head gene homologues of <i>Schizosaccharomyces pombe</i> : their involvement in cell cycle and sexual differentiation. <b>2005</b> , 348, 101-9	24
1009	Fission yeast mating-type switching: programmed damage and repair. <b>2005</b> , 4, 525-36	32
1008	A dual selection based, targeted gene replacement tool for <i>Magnaporthe grisea</i> and <i>Fusarium oxysporum</i> . <b>2005</b> , 42, 483-92	111
1007	A continuous enzyme assay and characterisation of fructosyl amine oxidase enzymes (EC 1.5.3). <b>2005</b> , 434, 60-6	3



1006	Aquaporins in yeasts and filamentous fungi. <b>2005</b> , 97, 487-500	95
1005	Comparative Genomics in Eukaryotes. <b>2005</b> , 521-583	7
1004	DNA Bendability and Nucleosome Positioning in Transcriptional Regulation. <b>2005</b> , 189-202	1
1003	Toward predictive models of mammalian cells. <b>2005</b> , 34, 319-49	69
1002	The rarity of gene shuffling in conserved genes. <b>2005</b> , 6, R50	13
1001	The genome of <i>Rhizobium leguminosarum</i> has recognizable core and accessory components. <b>2006</b> , 7, R34	421
1000	Fungal Genomics. <b>2006</b> ,	5
999	Investigating the Evolution of Fungal Virulence by Functional Genomics. <b>2006</b> , 35-49	2
998	Diversity of Nitrogen Metabolism Among Yeast Species: Regulatory and Evolutionary Aspects. <b>2006</b> , 123-153	4
997	pEg6, a spire family member, is a maternal gene encoding a vegetally localized mRNA in <i>Xenopus</i> embryos. <b>2006</b> , 98, 697-708	13
996	Chromatin insulators. <b>2006</b> , 40, 107-38	151
995	Structural features of fungal genomes. 47-77	2
994	Genomics and Biodiversity in Yeasts. <b>2006</b> , 45-66	4
993	<i>Schizosaccharomyces pombe</i> comparative genomics; from sequence to systems. 233-285	17
992	Mutation impact on dysferlin inferred from database analysis and computer-based structural predictions. <b>2006</b> , 250, 71-8	40
991	Extracellular alpha-galactosidase from <i>Debaryomyces hansenii</i> UFV-1 and its use in the hydrolysis of raffinose oligosaccharides. <b>2006</b> , 54, 2385-91	44
990	Transcription regulation of the alpha-glucanase gene <i>agn1</i> by cell separation transcription factor Ace2p in fission yeast. <b>2006</b> , 580, 3099-106	10
989	Transcriptome analysis of <i>Neotyphodium</i> and <i>Epichloa</i> grass endophytes. <b>2006</b> , 43, 465-75	29

988	Meiotic proteins bqt1 and bqt2 tether telomeres to form the bouquet arrangement of chromosomes. <b>2006</b> , 125, 59-69	272
987	A role for TFIIIC transcription factor complex in genome organization. <b>2006</b> , 125, 859-72	240
986	Comparative genome analyses of nervous system-specific genes. <b>2006</b> , 365, 130-6	9
985	Three-dimensional structure of a type III glutamine synthetase by single-particle reconstruction. <b>2006</b> , 361, 796-810	17
984	Hybridization monitor: a method for identifying differences between complex genomes. <b>2006</b> , 64, 305-15	1
983	Repositioning of the reaction intermediate within the catalytic center of the spliceosome. <b>2006</b> , 21, 543-53	99
982	The genome of the filamentous fungus <i>Ashbya gossypii</i> : annotation and evolutionary implications. 197-232	2
981	. <b>2006</b> ,	103
980	Identification of Differentially Expressed Genes by cDNA-Amplified Fragment Length Polymorphism in the Biocontrol Agent <i>Pichia anomala</i> (Strain Kh5). <b>2006</b> , 96, 80-6	19
979	Comparative genomics and gene finding in fungi. 1-28	2
978	Beer Fermentation. 301-347	
977	Slicing and spreading of heterochromatic silencing by RNA interference. <b>2006</b> , 71, 497-503	12
976	A parallel proteomic and metabolomic analysis of the hydrogen peroxide- and Sty1p-dependent stress response in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 6, 2772-96	67
975	Proteome analysis of <i>Schizosaccharomyces pombe</i> by two-dimensional gel electrophoresis and mass spectrometry. <b>2006</b> , 6, 4115-29	17
974	Spsgt1, a new essential gene of <i>Schizosaccharomyces pombe</i> , is involved in carbohydrate metabolism. <b>2006</b> , 23, 35-53	15
973	Enzymes of UDP-GlcNAc biosynthesis in yeast. <b>2006</b> , 23, 1-14	126
972	Construction of a protease-deficient strain set for the fission yeast <i>Schizosaccharomyces pombe</i> , useful for effective production of protease-sensitive heterologous proteins. <b>2006</b> , 23, 83-99	35
971	Basic methods for fission yeast. <b>2006</b> , 23, 173-83	360

970	Increased TCA cycle activity and reduced oxygen consumption during cytochrome P450-dependent biotransformation in fission yeast. <b>2006</b> , 23, 779-94	25
969	Recombineering reagents for improved inducible expression and selection marker re-use in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 23, 813-23	24
968	Comparative analysis of regulatory transcription factors in <i>Schizosaccharomyces pombe</i> and budding yeasts. <b>2006</b> , 23, 929-35	10
967	DNA replication in the fission yeast: robustness in the face of uncertainty. <b>2006</b> , 23, 951-62	13
966	Simplified primer design for PCR-based gene targeting and microarray primer database: two web tools for fission yeast. <b>2006</b> , 23, 921-8	19
965	The epigenetic magic of histone lysine methylation. <b>2006</b> , 273, 3121-35	201
964	Comparative genomic analysis of phytopathogenic fungi using expressed sequence tag (EST) collections. <b>2006</b> , 7, 61-70	35
963	ORFeome cloning and global analysis of protein localization in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 24, 841-7	443
962	tRNA genes as chromatin barriers. <b>2006</b> , 13, 192-3	18
961	Genome-wide characterization of fission yeast DNA replication origins. <b>2006</b> , 25, 5171-9	169
960	Complete, precise, and innocuous loss of multiple introns in the currently intronless, active cathepsin L-like genes, and inference from this event. <b>2006</b> , 38, 685-96	11
959	alpha-Synuclein fission yeast model: concentration-dependent aggregation without plasma membrane localization or toxicity. <b>2006</b> , 28, 179-91	23
958	Nickel resistance in fission yeast associated with the magnesium transport system. <b>2006</b> , 32, 139-46	9
957	Functional analysis through site-directed mutations and phylogeny of the <i>Candida albicans</i> LYS1-encoded saccharopine dehydrogenase. <b>2006</b> , 275, 74-80	1
956	Pol5p, a novel binding partner to Cdc10p in fission yeast involved in rRNA production. <b>2006</b> , 276, 391-401	4
955	Studies on inositol-mediated expression of MAL gene encoding maltase and phospholipid biosynthesis in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 33, 417-22	0
954	Accelerated evolutionary rate may be responsible for the emergence of lineage-specific genes in ascomycota. <b>2006</b> , 63, 1-11	48
953	Evolution and diversification of RNA silencing proteins in fungi. <b>2006</b> , 63, 127-35	116

952	Characterization of the <i>arom</i> gene in <i>Rhizoctonia solani</i> , and transcription patterns under stable and induced hypovirulence conditions. <b>2006</b> , 49, 166-77	14
951	Comparative genomics of the HOG-signalling system in fungi. <b>2006</b> , 49, 137-51	68
950	Comparative analysis of HOG pathway proteins to generate hypotheses for functional analysis. <b>2006</b> , 49, 152-65	45
949	Regulation of gene expression and cell division by Polo-like kinases. <b>2006</b> , 50, 73-80	9
948	Beyond the data deluge: data integration and bio-ontologies. <b>2006</b> , 39, 314-20	101
947	Centromere formation: from epigenetics to self-assembly. <b>2006</b> , 16, 70-8	68
946	Yeasts illustrate the molecular mechanisms of eukaryotic genome evolution. <b>2006</b> , 22, 375-87	177
945	Bystander effects in unicellular organisms. <b>2006</b> , 597, 78-86	14
944	Genomics of the filamentous fungi ¶moving from the shadow of the bakers yeast. <b>2006</b> , 20, 10-14	5
943	Erratum to Taylor and Alexander (2005) <i>Mycologist</i> 19: 102-112. <b>2006</b> , 20, 14	1
942	A fungal phylogeny based on 42 complete genomes derived from supertree and combined gene analysis. <b>2006</b> , 6, 99	371
941	Comparative EST analysis provides insights into the basal aquatic fungus <i>Blastocladiella emersonii</i> . <b>2006</b> , 7, 177	9
940	Identification and comparative analysis of sixteen fungal peptidyl-prolyl cis/trans isomerase repertoires. <b>2006</b> , 7, 244	35
939	Highly expressed proteins have an increased frequency of alanine in the second amino acid position. <b>2006</b> , 7, 28	25
938	Genomewide identification of pheromone-targeted transcription in fission yeast. <b>2006</b> , 7, 303	38
937	Generation, annotation, and analysis of an extensive <i>Aspergillus niger</i> EST collection. <b>2006</b> , 6, 7	27
936	Ancient origin, functional conservation and fast evolution of DNA-dependent RNA polymerase III. <b>2006</b> , 34, 3615-24	16
935	Spatial organization of transcription by RNA polymerase III. <b>2006</b> , 34, 4826-36	69

934	Fungal Genomic Annotation. <b>2006</b> , 123-142	16
933	Issues in Comparative Fungal Genomics. <b>2006</b> , 99-122	
932	Expression of the <i>Candida albicans</i> morphogenesis regulator gene CZF1 and its regulation by Efg1p and Czf1p. <b>2006</b> , 5, 825-35	54
931	Building Biological Complexity with Limited Genes. <b>2006</b> , 7, 97-114	3
930	Comparing gene expression networks in a multi-dimensional space to extract similarities and differences between organisms. <b>2006</b> , 22, 1359-66	14
929	Modelling in molecular biology: describing transcription regulatory networks at different scales. <b>2006</b> , 361, 483-94	21
928	Comparative genomics and genome evolution in yeasts. <b>2006</b> , 361, 403-12	51
927	Evidence on the chromosomal location of centromeric DNA in <i>Plasmodium falciparum</i> from etoposide-mediated topoisomerase-II cleavage. <b>2006</b> , 103, 6706-11	42
926	A survey of all 11 ABC transporters in fission yeast: two novel ABC transporters are required for red pigment accumulation in a <i>Schizosaccharomyces pombe</i> adenine biosynthetic mutant. <b>2006</b> , 152, 2309-2321	34
925	Sequential processing of a mitochondrial tandem protein: insights into protein import in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 5, 997-1006	17
924	<i>Schizosaccharomyces pombe</i> Git1 is a C2-domain protein required for glucose activation of adenylate cyclase. <b>2006</b> , 173, 49-61	12
923	The fission yeast transforming acidic coiled coil-related protein Mia1p/Alp7p is required for formation and maintenance of persistent microtubule-organizing centers at the nuclear envelope. <b>2006</b> , 17, 2212-22	22
922	Analysis of aldosterone-induced differential receptor-independent protein patterns using 2D-electrophoresis and mass spectrometry. <b>2006</b> , 387, 917-29	6
921	The RNA polymerase III-dependent family of genes in hemiascomycetes: comparative RNomics, decoding strategies, transcription and evolutionary implications. <b>2006</b> , 34, 1816-35	77
920	A "holistic" kinesin phylogeny reveals new kinesin families and predicts protein functions. <b>2006</b> , 17, 1734-43	128
919	Reconstruction of the kinetochore during meiosis in fission yeast <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 17, 5173-84	28
918	An alpha-amylase homologue, aah3, encodes a GPI-anchored membrane protein required for cell wall integrity and morphogenesis in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 70, 1454-63	16
917	Introduction. 1-28	2

916	Duplication of genes and genomes in yeasts. 79-99	4
915	Sterol regulatory element binding protein is a principal regulator of anaerobic gene expression in fission yeast. <b>2006</b> , 26, 2817-31	137
914	Encyclopedic Reference of Genomics and Proteomics in Molecular Medicine. <b>2005</b> , 587-587	
913	Encyclopedic Reference of Genomics and Proteomics in Molecular Medicine. <b>2005</b> , 576-578	1
912	Codon Signature Extremes In Eukaryote genomes. <b>2006</b> , 52, 281-297	1
911	Mechanism of action of a flavin-containing monooxygenase. <b>2006</b> , 103, 9832-7	119
910	Evolutionary-conserved telomere-linked helicase genes of fission yeast are repressed by silencing factors, RNAi components and the telomere-binding protein Taz1. <b>2006</b> , 34, 78-88	62
909	9 Transcript Analysis: A Microarray Approach. <b>2007</b> , 189-703	2
908	Identification, molecular cloning, and characterization of the sixth subunit of human transcription factor TFIIIC. <b>2007</b> , 282, 17179-89	29
907	Mutations in the SF1-U2AF59-U2AF23 complex cause exon skipping in Schizosaccharomyces pombe. <b>2007</b> , 282, 2221-8	15
906	Proteomic analysis of the U1 snRNP of Schizosaccharomyces pombe reveals three essential organism-specific proteins. <b>2007</b> , 35, 1391-401	11
905	Eukaryotic genome size databases. <b>2007</b> , 35, D332-8	304
904	A discrete class of intergenic DNA dictates meiotic DNA break hotspots in fission yeast. <b>2007</b> , 3, e141	72
903	Assessment of phylogenomic and orthology approaches for phylogenetic inference. <b>2007</b> , 23, 815-24	63
902	Propping up our knowledge of G protein signaling pathways: diverse functions of putative noncanonical Gbeta subunits in fungi. <b>2007</b> , 2007, pe3	6
901	CFGP: a web-based, comparative fungal genomics platform. <b>2008</b> , 36, D562-71	72
900	Diversity of the trifunctional histidine biosynthesis gene (his) in cereal Phaeosphaeria species. <b>2007</b> , 50, 595-609	4
899	Cloning of chitinase-like protein1 cDNA from dicyemid mesozoans (Phylum: Dicyemida). <b>2007</b> , 93, 1403-15	3

898 Class 2 Transferases VIII. **2007**,

897 Dysferlin homozygous mutation G1418D causes limb-girdle type 2B in a Mexican family. **2007**, 11, 391-6 6

896 Loss of the TOR kinase Tor2 mimics nitrogen starvation and activates the sexual development pathway in fission yeast. **2007**, 27, 3154-64 155

895 The role and aims of the FYSSION project. **2007**, 6, 3-7 2

894 Isolation of the Schizosaccharomyces pombe proteasome subunit Rpn7 and a structure-function study of the proteasome-COP9-initiation factor domain. **2007**, 282, 32414-23 16

893 The hermes transposon of Musca domestica is an efficient tool for the mutagenesis of Schizosaccharomyces pombe. **2007**, 177, 2519-23 26

892 Interaction of Epe1 with the heterochromatin assembly pathway in Schizosaccharomyces pombe. **2007**, 175, 1549-60 32

891 Convergent domestication of pogo-like transposases into centromere-binding proteins in fission yeast and mammals. **2008**, 25, 29-41 94

890 Rescuing yeast mutants with human genes. **2007**, 6, 104-11 31

889 A conditional role of U2AF in splicing of introns with unconventional polypyrimidine tracts. **2007**, 27, 7334-44 22

888 A new paradigm for developmental biology. **2007**, 210, 1526-47 188

887 Protein arginine methylation in Candida albicans: role in nuclear transport. **2007**, 6, 1119-29 26

886 Comparative proteomic and transcriptomic profiling of the fission yeast Schizosaccharomyces pombe. **2007**, 3, 79 91

885 Preface. **2007**, 36, xiii-xvi

884 Identification of a mitochondrial alcohol dehydrogenase in Schizosaccharomyces pombe: new insights into energy metabolism. **2007**, 401, 459-64 12

883 Dsk1p kinase phosphorylates SR proteins and regulates their cellular localization in fission yeast. **2007**, 405, 21-30 18

882 Comparative genomics and evolution of eukaryotic phospholipid biosynthesis. **2007**, 46, 171-99 73

881 Structural organization of dynamic chromatin. **2007**, 41, 3-28 2

880	Arginine catabolism in <i>Aspergillus nidulans</i> is regulated by the <i>rrmA</i> gene coding for the RNA-binding protein. <b>2007</b> , 44, 1285-97	10
879	Identification of moulds in the diagnostic laboratory--an algorithm implementing molecular and phenotypic methods. <b>2007</b> , 59, 49-60	30
878	Exploration of pairing constraints identifies a 9 base-pair core within box C/D snoRNA-rRNA duplexes. <b>2007</b> , 369, 771-83	24
877	A network of multiple regulatory layers shapes gene expression in fission yeast. <b>2007</b> , 26, 145-55	161
876	Competition between the ATPase Prp5 and branch region-U2 snRNA pairing modulates the fidelity of spliceosome assembly. <b>2007</b> , 28, 838-49	88
875	Comparative genomic analysis of fungal genomes reveals intron-rich ancestors. <b>2007</b> , 8, R223	100
874	Global transcriptional responses of fission and budding yeast to changes in copper and iron levels: a comparative study. <b>2007</b> , 8, R73	44
873	Microarrays. <b>2007</b> ,	1
872	Differential expression of Rho1GTPase and Rho3GTPase during isotropic and polarized growth of <i>Mucor circinelloides</i> . <b>2007</b> , 53, 168-76	5
871	Genome survey sequencing of the wine spoilage yeast <i>Dekkera (Brettanomyces) bruxellensis</i> . <b>2007</b> , 6, 721-33	92
870	Genome assembly, rearrangement, and repeats. <b>2007</b> , 107, 3391-406	19
869	Gene expression and distribution of Swi6 in partial aneuploids of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 32, 149-61	27
868	Functional genomics of plant infection by the rice blast fungus <i>Magnaporthe grisea</i> . 227-254	
867	Chromatin dynamics of unfolding and refolding controlled by the nucleosome repeat length and the linker and core histones. <b>2007</b> , 85, 295-307	10
866	A 100%-complete sequence reveals unusually simple genomic features in the hot-spring red alga <i>Cyanidioschyzon merolae</i> . <b>2007</b> , 5, 28	220
865	Meiosis specific coiled-coil proteins in <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 2, 14	8
864	Role of the alpha-glucanase Agn2p in ascus-wall endolysis following sporulation in fission yeast. <b>2007</b> , 24, 279-88	17
863	The <i>txl1+</i> gene from <i>Schizosaccharomyces pombe</i> encodes a new thioredoxin-like 1 protein that participates in the antioxidant defence against tert-butyl hydroperoxide. <b>2007</b> , 24, 481-90	15



862	A history of research on yeasts 10: foundations of yeast genetics. <b>2007</b> , 24, 799-845	32
861	Modelling dynamic processes in yeast. <b>2007</b> , 24, 943-59	21
860	Classification and functional annotation of eukaryotic protein kinases. <b>2007</b> , 68, 893-914	121
859	Construction of conditional analog-sensitive kinase alleles in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 2, 2996-3000	42
858	Soil eukaryotic functional diversity, a metatranscriptomic approach. <b>2007</b> , 1, 632-42	161
857	Natural history and evolutionary principles of gene duplication in fungi. <i>Nature</i> , <b>2007</b> , 449, 54-61	50.4 517
856	Two-step, extensive alterations in the transcriptome from G0 arrest to cell division in <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 12, 677-92	51
855	Dyneins across eukaryotes: a comparative genomic analysis. <b>2007</b> , 8, 1708-1721	215
854	<i>Schizosaccharomyces pombe</i> possesses two plasma membrane alkali metal cation/H antiporters differing in their substrate specificity. <b>2007</b> , 7, 188-95	11
853	Why do some yeast species require niacin for growth? Different modes of NAD synthesis. <b>2007</b> , 7, 657-64	22
852	Evolution of the carboxylate Jen transporters in fungi. <b>2007</b> , 7, 646-56	19
851	Biochemical characterization and structural prediction of a novel cytosolic leucyl aminopeptidase of the M17 family from <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 274, 6228-40	14
850	Fungal CSL transcription factors. <b>2007</b> , 8, 233	14
849	Comparison of protein coding gene contents of the fungal phyla Pezizomycotina and Saccharomycotina. <b>2007</b> , 8, 325	38
848	Biotechnological synthesis of drug metabolites using human cytochrome P450 2D6 heterologously expressed in fission yeast exemplified for the designer drug metabolite 4'-hydroxymethyl-alpha-pyrrolidinobutyrophenone. <b>2007</b> , 74, 511-20	42
847	<i>Schizosaccharomyces pombe</i> minimum genome factory. <b>2007</b> , 46, 147-55	55
846	Genomic evolution of the proteasome system among hemiascomycetous yeasts. <b>2007</b> , 65, 529-40	15
845	Six new amino acid-auxotrophic markers for targeted gene integration and disruption in fission yeast. <b>2007</b> , 52, 97-105	24

844	trNase Z: the end is not in sight. <b>2007</b> , 64, 2404-12	35
843	Sugarcane Phosphoribosyl Pyrophosphate Synthetase: Molecular Characterization of a Phosphate-independent PRS. <b>2008</b> , 26, 301-315	7
842	Identification of small molecules inducing apoptosis by cell-based assay using fission yeast deletion mutants. <b>2008</b> , 26, 299-307	10
841	Low-copy episomal vector pFY20 and high-saturation coverage genomic libraries for the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 25, 643-50	5
840	The gap-filling sequence on the left arm of chromosome 2 in fission yeast <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 25, 673-9	8
839	A history of research on yeasts 13. Active transport and the uptake of various metabolites. <b>2008</b> , 25, 689-731	20
838	Improved tools for efficient mapping of fission yeast genes: identification of microtubule nucleation modifier mod22-1 as an allele of chromatin-remodelling factor gene swr1. <b>2008</b> , 25, 913-25	11
837	Epigenetics regulate centromere formation and kinetochore function. <b>2008</b> , 104, 2027-39	32
836	Fungal genome sequencing and bioenergy. <b>2008</b> , 22, 1-5	19
835	Soft computing methods to predict gene regulatory networks: An integrative approach on time-series gene expression data. <b>2008</b> , 8, 1189-1199	13
834	Recent advances in three-dimensional multicellular spheroid culture for biomedical research. <b>2008</b> , 3, 1285-1285	6
833	A vector system for genomic FLAG epitope-tagging in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 3, 1280-5	27
832	Human mobile genetic elements: Structure, distribution and functional role. <b>2008</b> , 42, 420-430	3
831	The Ypt/Rab family and the evolution of trafficking in fungi. <b>2008</b> , 9, 27-38	56
830	The endogenous adrenodoxin reductase-like flavoprotein arh1 supports heterologous cytochrome P450-dependent substrate conversions in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 8, 432-41	29
829	Characterization of Sro1, a novel stress responsive protein in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 8, 564-73	3
828	Loss of Zhf and the tightly regulated zinc-uptake system SpZrt1 in <i>Schizosaccharomyces pombe</i> reveals the delicacy of cellular zinc balance. <b>2008</b> , 8, 883-96	19
827	Host genome surveillance for retrotransposons by transposon-derived proteins. <i>Nature</i> , <b>2008</b> , 451, 431-50.4	143

826	Dynamic repertoire of a eukaryotic transcriptome surveyed at single-nucleotide resolution. <i>Nature</i> , <b>2008</b> , 453, 1239-43	50.4	810
825	Genome sequencing and analysis of the biomass-degrading fungus <i>Trichoderma reesei</i> (syn. <i>Hypocrea jecorina</i> ). <b>2008</b> , 26, 553-60		920
824	Dynamic transcriptome of <i>Schizosaccharomyces pombe</i> shown by RNA-DNA hybrid mapping. <b>2008</b> , 40, 977-86		85
823	Evolution of SET-domain protein families in the unicellular and multicellular Ascomycota fungi. <b>2008</b> , 8, 190		30
822	Metabolic innovations towards the human lineage. <b>2008</b> , 8, 247		14
821	Fungal cytochrome P450 database. <b>2008</b> , 9, 402		96
820	SNUGB: a versatile genome browser supporting comparative and functional fungal genomics. <b>2008</b> , 9, 586		17
819	Fisher: a program for the detection of H/ACA snoRNAs using MFE secondary structure prediction and comparative genomics - assessment and update. <b>2008</b> , 1, 49		7
818	A yeast PAF acetylhydrolase ortholog suppresses oxidative death. <b>2008</b> , 45, 434-42		27
817	Radiation induction of delayed recombination in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 7, 1250-61		6
816	Wine Fermentation. <b>2008</b> , 162-192		10
815	The origins of multicellularity and the early history of the genetic toolkit for animal development. <b>2008</b> , 42, 235-51		219
814	Molecular Techniques in the Microbial Ecology of Fermented Foods. <b>2008</b> ,		13
813	The genome sequence of the model ascomycete fungus <i>Podospora anserina</i> . <b>2008</b> , 9, R77		237
812	Cross-kingdom patterns of alternative splicing and splice recognition. <b>2008</b> , 9, R50		103
811	Finding exonic islands in a sea of non-coding sequence: splicing related constraints on protein composition and evolution are common in intron-rich genomes. <b>2008</b> , 9, R29		34
810	RNA Interference. <b>2008</b> ,		3
809	Chromosome fusions following telomere loss are mediated by single-strand annealing. <b>2008</b> , 31, 463-473		57

808	Aldosterone: from biosynthesis to non-genomic action onto the proteome. <b>2008</b> , 73, 966-72	7
807	Phosphoproteome analysis of fission yeast. <b>2008</b> , 7, 1088-97	161
806	Gene tagging and gene replacement using recombinase-mediated cassette exchange in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 407, 63-74	56
805	Sites of strong Rec12/Spo11 binding in the fission yeast genome are associated with meiotic recombination and with centromeres. <b>2008</b> , 117, 431-44	24
804	Cloning of the ATP sulphurylase gene of <i>Schizosaccharomyces pombe</i> by functional complementation. <b>2008</b> , 54, 71-4	2
803	Dicistronic tRNA-5S rRNA genes in <i>Yarrowia lipolytica</i> : an alternative TFIIIA-independent way for expression of 5S rRNA genes. <b>2008</b> , 36, 5832-44	23
802	Mug27 is a meiosis-specific protein kinase that functions in fission yeast meiosis II and sporulation. <b>2008</b> , 121, 1547-58	16
801	Site-specific recombination in <i>Schizosaccharomyces pombe</i> and systematic assembly of a 400kb transgene array in mammalian cells using the integrase of <i>Streptomyces</i> phage phiBT1. <b>2008</b> , 36, e9	23
800	A genome-wide screen of genes involved in cadmium tolerance in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 106, 124-39	46
799	Copper distributed by Atx1 is available to copper amine oxidase 1 in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 7, 1781-94	18
798	<i>Schizosaccharomyces pombe</i> Hsp90/Git10 is required for glucose/cAMP signaling. <b>2008</b> , 178, 1927-36	18
797	Global analysis of gel mobility of proteins and its use in target identification. <b>2008</b> , 283, 10745-52	95
796	Recombination and Meiosis. <b>2008</b> ,	
795	Stochastic hybrid modeling of DNA replication across a complete genome. <b>2008</b> , 105, 12295-300	62
794	Chromodomains direct integration of retrotransposons to heterochromatin. <b>2008</b> , 18, 359-69	139
793	Cds1 controls the release of Cdc14-like phosphatase Flp1 from the nucleolus to drive full activation of the checkpoint response to replication stress in fission yeast. <b>2008</b> , 19, 2488-99	24
792	Comparative genomics and molecular dynamics of DNA repeats in eukaryotes. <b>2008</b> , 72, 686-727	356
791	The actomyosin ring recruits early secretory compartments to the division site in fission yeast. <b>2008</b> , 19, 1125-38	31

790	Schizosaccharomyces pombe Bub3 is dispensable for mitotic arrest following perturbed spindle formation. <b>2008</b> , 179, 785-92	18
789	The S. pombe SAGA complex controls the switch from proliferation to sexual differentiation through the opposing roles of its subunits Gcn5 and Spt8. <b>2008</b> , 22, 3184-95	66
788	Meiotic Recombination in Schizosaccharomyces pombe: A Paradigm for Genetic and Molecular Analysis. <b>2008</b> , 3, 195	21
787	Characterization of a fission yeast P(5)-type ATPase homologue that is essential for Ca(2+)/Mn(2+)homeostasis in the absence of P(2)-type ATPases. <b>2008</b> , 83, 373-81	12
786	Centromeric chromatin in fission yeast. <b>2008</b> , 13, 3896-905	6
785	Yeast Cells as a Discovery Platform for Parkinson's Disease and other Protein Misfolding Diseases. <b>2008</b> , 505-536	
784	Fusion and fission of genes define a metric between fungal genomes. <b>2008</b> , 4, e1000200	21
783	Meiotic recombination hotspots of fission yeast are directed to loci that express non-coding RNA. <b>2008</b> , 3, e2887	29
782	. <b>2009</b> ,	7
781	The secret message of heterochromatin: new insights into the mechanisms and function of centromeric and pericentric repeat sequence transcription. <b>2009</b> , 53, 259-68	81
780	The Schizosaccharomyces pombe Hsp104 disaggregase is unable to propagate the [PSI] prion. <b>2009</b> , 4, e6939	16
779	Common themes in siRNA-mediated epigenetic silencing pathways. <b>2009</b> , 53, 245-57	105
778	{beta}-glucanase Eng2 is required for ascus wall endolysis after sporulation in the fission yeast Schizosaccharomyces pombe. <b>2009</b> , 8, 1278-86	22
777	The PRY/SPRY/B30.2 domain of butyrophilin 1A1 (BTN1A1) binds to xanthine oxidoreductase: implications for the function of BTN1A1 in the mammary gland and other tissues. <b>2009</b> , 284, 22444-22456	47
776	Mapping epigenetic mutations in fission yeast using whole-genome next-generation sequencing. <b>2009</b> , 19, 1077-83	40
775	Yeast Genomics for Bread, Beer, Biology, Bucks and Breath. <b>2009</b> , 473-485	
774	Novel nucleotide sequence motifs that produce hotspots of meiotic recombination in Schizosaccharomyces pombe. <b>2009</b> , 182, 459-69	35
773	Polymorphisms in multiple genes contribute to the spontaneous mitochondrial genome instability of Saccharomyces cerevisiae S288C strains. <b>2009</b> , 183, 365-83	112

772	Exploring the conservation of synthetic lethal genetic interaction networks. <b>2009</b> , 2, 78-81	18
771	tRNA genes in eukaryotic genome organization and reorganization. <b>2009</b> , 8, 3102-6	27
770	Biotechnological synthesis of drug metabolites using human cytochrome P450 isozymes heterologously expressed in fission yeast. <b>2009</b> , 1, 821-30	13
769	Functional differentiation of tbf1 orthologues in fission and budding yeasts. <b>2009</b> , 8, 207-16	9
768	A simple method for directional transcriptome sequencing using Illumina technology. <b>2009</b> , 37, e148	77
767	Comparative genomics of protoploid Saccharomycetaceae. <b>2009</b> , 19, 1696-709	171
766	Cyclin-dependent kinase inhibits reinitiation of a normal S-phase program during G2 in fission yeast. <b>2009</b> , 29, 4025-32	19
765	Cellular quiescence: are controlling genes conserved?. <b>2009</b> , 19, 705-15	68
764	More than just orphans: are taxonomically-restricted genes important in evolution?. <b>2009</b> , 25, 404-13	301
763	Evolutionary flexibility of protein complexes. <b>2009</b> , 9, 155	7
762	Phylogenetic diversity of stress signalling pathways in fungi. <b>2009</b> , 9, 44	143
761	Dissecting the fission yeast regulatory network reveals phase-specific control elements of its cell cycle. <b>2009</b> , 3, 93	10
760	Screening a genome-wide <i>S. pombe</i> deletion library identifies novel genes and pathways involved in genome stability maintenance. <b>2009</b> , 8, 672-9	47
759	A new <i>Schizosaccharomyces pombe</i> chronological lifespan assay reveals that caloric restriction promotes efficient cell cycle exit and extends longevity. <b>2009</b> , 44, 493-502	35
758	Chemical Genomics Based on Yeast Genetics. 223-238	
757	Functional studies of an evolutionarily conserved, cytochrome b5 domain protein reveal a specific role in axonemal organisation and the general phenomenon of post-division axonemal growth in trypanosomes. <b>2009</b> , 66, 24-35	25
756	The dynamin related protein Dnm1 fragments mitochondria in a microtubule-dependent manner during the fission yeast cell cycle. <b>2009</b> , 66, 509-23	25
755	Non-LTR retrotransposons in fungi. <b>2009</b> , 9, 27-42	22

754	Nitric oxide as a signaling molecule in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 238, 59-66	26
753	Long-term evolution of 5S ribosomal DNA seems to be driven by birth-and-death processes and selection in <i>Ensis</i> razor shells (Mollusca: Bivalvia). <b>2009</b> , 47, 635-44	30
752	Yeast Ste23p shares functional similarities with mammalian insulin-degrading enzymes. <b>2009</b> , 26, 595-610	12
751	Codon usage bias is correlated with gene expression levels in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 14, 499-509	62
750	Silent chromatin at the middle and ends: lessons from yeasts. <b>2009</b> , 28, 2149-61	60
749	Analysis of small RNA in fission yeast; centromeric siRNAs are potentially generated through a structured RNA. <b>2009</b> , 28, 3832-44	63
748	Tdp1 protects against oxidative DNA damage in non-dividing fission yeast. <b>2009</b> , 28, 632-40	41
747	Dancing genomes: fungal nuclear positioning. <b>2009</b> , 7, 875-86	53
746	Eukaryotization of the early biosphere: A biogeochemical aspect. <b>2009</b> , 47, 1265-1333	12
745	Hexose and pentose transport in ascomycetous yeasts: an overview. <b>2009</b> , 9, 511-25	103
744	Cloning and heterologous expression in <i>Escherichia coli</i> of the fission yeast <i>vip1</i> gene, showing differential expression after aldosterone treatment. <b>2009</b> , 12, 1127-1139	0
743	Production of heterologous proteins using the fission-yeast ( <i>Schizosaccharomyces pombe</i> ) expression system. <b>2009</b> , 53, 227-35	54
742	Metabolic profiling of the fission yeast <i>S. pombe</i> : quantification of compounds under different temperatures and genetic perturbation. <b>2010</b> , 6, 182-98	64
741	<i>Debaryomyces hansenii</i> UFV-1 intracellular alpha-galactosidase characterization and comparative studies with the extracellular enzyme. <b>2009</b> , 57, 2515-22	18
740	Annotation of stress-response proteins in the aspergilli. <b>2009</b> , 46 Suppl 1, S105-20	70
739	Eukaryotic snoRNAs: a paradigm for gene expression flexibility. <b>2009</b> , 94, 83-8	223
738	A small-scale systematic analysis of alternative splicing in <i>Plasmodium falciparum</i> . <b>2009</b> , 58, 196-9	27
737	The centromere-drive hypothesis: a simple basis for centromere complexity. <b>2009</b> , 48, 33-52	61

736	Meiosis. Volume 1, molecular and genetic methods. Preface. <b>2009</b> , 557, v-vi	6
735	Yeast Biotechnology: Diversity and Applications. <b>2009</b> ,	33
734	Class 2 Transferases. <b>2009</b> ,	
733	Completed Genomes. 517-565	
732	Unrepaired oxidative DNA damage induces an ATR/ATM apoptotic-like response in quiescent fission yeast. <b>2009</b> , 8, 2326-31	8
731	Transcriptional interference and gene orientation in yeast: noncoding RNA connections. <b>2010</b> , 75, 299-311	15
730	Fission Yeast TOR and Rapamycin. <b>2010</b> , 27, 251-269	4
729	?????????ASPEX??? ??????????. <b>2010</b> , 48, 794-798	
728	Saccharomyces cerevisiae and DNA microarray analyses: what did we learn from it for a better understanding and exploitation of yeast biotechnology?. <b>2010</b> , 87, 391-400	22
727	Centromere identity: a challenge to be faced. <b>2010</b> , 284, 75-94	20
726	Discrete DNA sites regulate global distribution of meiotic recombination. <b>2010</b> , 26, 202-8	38
725	Identification and analysis of candidate fungal tRNA 3'-end processing endonucleases tRNase Zs, homologs of the putative prostate cancer susceptibility protein ELAC2. <b>2010</b> , 10, 272	10
724	Evolutionary history of the poly(ADP-ribose) polymerase gene family in eukaryotes. <b>2010</b> , 10, 308	83
723	Fungal secretome database: integrated platform for annotation of fungal secretomes. <b>2010</b> , 11, 105	128
722	Comparative analysis of fungal protein kinases and associated domains. <b>2010</b> , 11, 133	36
721	Large-scale transcriptome data reveals transcriptional activity of fission yeast LTR retrotransposons. <b>2010</b> , 11, 167	18
720	Genome-wide in silico screen for CCCH-type zinc finger proteins of Trypanosoma brucei, Trypanosoma cruzi and Leishmania major. <b>2010</b> , 11, 283	63
719	Autophagy in the fission yeast Schizosaccharomyces pombe. <b>2010</b> , 584, 1327-34	33



718	Evolutionary Genomics of Yeasts. <b>2010</b> , 95-120	
717	Novel episomal vectors and a highly efficient transformation procedure for the fission yeast <i>Schizosaccharomyces japonicus</i> . <b>2010</b> , 27, 1049-60	30
716	Dead time loss correction of mass errors occurring in high-throughput proteomics based on electrospray ionization time-of-flight tandem mass spectrometry. <b>2010</b> , 24, 1490-5	2
715	The Kinesin motor protein Cut7 regulates biogenesis and function of Ago1-complexes. <b>2010</b> , 11, 25-36	8
714	Ribosomal RNA genes in eukaryotic microorganisms: witnesses of phylogeny?. <b>2010</b> , 34, 59-86	81
713	Splicing-dependent NMD does not require the EJC in <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 29, 1537-51	46
712	Specific splicing defects in <i>S. pombe</i> carrying a degron allele of the Survival of Motor Neuron gene. <b>2010</b> , 29, 1817-29	39
711	Analysis of a genome-wide set of gene deletions in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 28, 617-623	510
710	Yeast evolutionary genomics. <b>2010</b> , 11, 512-24	262
709	Genomic binding profiling of the fission yeast stress-activated MAPK Sty1 and the bZIP transcriptional activator Atf1 in response to H <sub>2</sub> O <sub>2</sub> . <b>2010</b> , 5, e11620	46
708	Early Steps in the DNA Base Excision Repair Pathway of a Fission Yeast <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 2010,	8
707	The N-terminus of Prp1 (Prp6/U5-102 K) is essential for spliceosome activation in vivo. <b>2010</b> , 38, 1610-22	11
706	Glucuronide production by whole-cell biotransformation using genetically engineered fission yeast <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 38, 509-15	25
705	Centromeric localization of dispersed Pol III genes in fission yeast. <b>2010</b> , 21, 254-65	102
704	High-throughput sequencing of retrotransposon integration provides a saturated profile of target activity in <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 20, 239-48	55
703	Genome-wide mapping of nuclear mitochondrial DNA sequences links DNA replication origins to chromosomal double-strand break formation in <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 20, 1250-61	24
702	Glutaredoxins Grx4 and Grx3 of <i>Saccharomyces cerevisiae</i> play a role in actin dynamics through their Trx domains, which contributes to oxidative stress resistance. <b>2010</b> , 76, 7826-35	30
701	Microtubule-dependent spatial organization of mitochondria in fission yeast. <b>2010</b> , 97, 203-21	5

700	Disruption of PDC1 Gene to Enhance Pyruvic Acid Accumulation of <i>Saccharomyces cerevisiae</i> . <b>2010</b> ,	
699	Fission yeast a cellular model well suited for electron microscopy investigations. <b>2010</b> , 96, 235-58	4
698	Tay1 protein, a novel telomere binding factor from <i>Yarrowia lipolytica</i> . <b>2010</b> , 285, 38078-92	24
697	RNAi and heterochromatin repress centromeric meiotic recombination. <b>2010</b> , 107, 8701-5	80
696	cDNA cloning and expression pattern of two enolase genes from the Chinese oak silkworm, <i>Antheraea pernyi</i> . <b>2010</b> , 42, 816-26	13
695	Rad3 decorates critical chromosomal domains with gammaH2A to protect genome integrity during S-Phase in fission yeast. <b>2010</b> , 6, e1001032	58
694	The Universal Protein Resource (UniProt) in 2010. <b>2010</b> , 38, D142-8	1035
693	<i>S. pombe</i> genome deletion project: an update. <b>2010</b> , 9, 2399-402	32
692	Mannosylinositol phosphorylceramide is a major sphingolipid component and is required for proper localization of plasma-membrane proteins in <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 123, 1578-87	34
691	Rga4, a Rho-GAP from fission yeast: Finding specificity within promiscuity. <b>2010</b> , 3, 436-9	8
690	A genome-wide screen for <i>Schizosaccharomyces pombe</i> deletion mutants that affect telomere length. <b>2010</b> , 20, 963-5	13
689	Molecular genetics of <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 470, 759-95	110
688	Synthetic genetic array (SGA) analysis in <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> . <b>2010</b> , 470, 145-79	136
687	The calculation of information and organismal complexity. <b>2010</b> , 5, 59	12
686	Mapping of long-range associations throughout the fission yeast genome reveals global genome organization linked to transcriptional regulation. <b>2010</b> , 38, 8164-77	188
685	The Role of ACC Deaminase Producing PGPR in Sustainable Agriculture. <b>2010</b> , 365-385	22
684	Bioinformatics for LC-MS/MS-based proteomics. <b>2010</b> , 658, 61-91	20
683	Global fitness profiling of fission yeast deletion strains by barcode sequencing. <b>2010</b> , 11, R60	59

682	Microarray-based target identification using drug hypersensitive fission yeast expressing ORFeome. <b>2011</b> , 7, 1463-72	16
681	The 5S rDNA gene family in mollusks: characterization of transcriptional regulatory regions, prediction of secondary structures, and long-term evolution, with special attention to Mytilidae mussels. <b>2011</b> , 102, 433-47	19
680	The Awesome Power of Yeast Evolutionary Genetics: New Genome Sequences and Strain Resources for the <i>Saccharomyces sensu stricto</i> Genus. <b>2011</b> , 1, 11-25	231
679	Microtubule Dynamics. <b>2011</b> ,	3
678	Development of a Process Chain for Nanoparticles Production by Yeasts. <b>2011</b> , 197-221	1
677	Comparative functional genomics of the fission yeasts. <b>2011</b> , 332, 930-6	364
676	Metal Nanoparticles in Microbiology. <b>2011</b> ,	61
675	Comparative genomics of xylose-fermenting fungi for enhanced biofuel production. <b>2011</b> , 108, 13212-7	131
674	Genome-wide analysis of fungal manganese transporters, with an emphasis on <i>Phanerochaete chrysosporium</i> . <b>2011</b> , 3, 367-82	7
673	Atg8: an autophagy-related ubiquitin-like protein family. <b>2011</b> , 12, 226	331
672	References. <b>2011</b> , r1-r178	3
671	A piggyBac transposon-based mutagenesis system for the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2011</b> , 39, e40	30
670	An outlook on ion signaling and ionome of mycorrhizal symbiosis. <b>2011</b> , 23, 79-89	15
669	Genome characterization of the oleaginous fungus <i>Mortierella alpina</i> . <b>2011</b> , 6, e28319	102
668	The FUN30 chromatin remodeler, Fft3, protects centromeric and subtelomeric domains from euchromatin formation. <b>2011</b> , 7, e1001334	61
667	The reconstruction of condition-specific transcriptional modules provides new insights in the evolution of yeast AP-1 proteins. <b>2011</b> , 6, e20924	9
666	The global transcriptional response of fission yeast to hydrogen sulfide. <b>2011</b> , 6, e28275	8
665	Ribosomal proteins' association with transcription sites peaks at tRNA genes in <i>Schizosaccharomyces pombe</i> . <b>2011</b> , 17, 1713-26	14

664	LAMMER kinase Kic1 is involved in pre-mRNA processing. <b>2011</b> , 317, 2308-20	10
663	Schizosaccharomyces pombe encodes a mutated AP endonuclease 1. <b>2011</b> , 10, 296-305	7
662	RITS-connecting transcription, RNA interference, and heterochromatin assembly in fission yeast. <b>2011</b> , 2, 632-46	32
661	Heterologous expression and characterization of processing $\alpha$ -glucosidase I from <i>Aspergillus brasiliensis</i> ATCC 9642. <b>2011</b> , 28, 563-71	14
660	A first partial <i>Aplysia californica</i> proteome. <b>2011</b> , 41, 955-68	4
659	Absence of positive selection on centromeric histones in <i>Tetrahymena</i> suggests unsuppressed centromere: drive in lineages lacking male meiosis. <b>2011</b> , 72, 510-20	14
658	Proteomics of industrial fungi: trends and insights for biotechnology. <b>2011</b> , 89, 225-37	48
657	Binary classification of protein molecules into intrinsically disordered and ordered segments. <b>2011</b> , 11, 29	56
656	Why eukaryotic cells use introns to enhance gene expression: splicing reduces transcription-associated mutagenesis by inhibiting topoisomerase I cutting activity. <b>2011</b> , 6, 24	41
655	Molecular organization and phylogenetic analysis of 5S rDNA in crustaceans of the genus <i>Pollicipes</i> reveal birth-and-death evolution and strong purifying selection. <b>2011</b> , 11, 304	14
654	The genetic interaction network of CCW12, a <i>Saccharomyces cerevisiae</i> gene required for cell wall integrity during budding and formation of mating projections. <b>2011</b> , 12, 107	27
653	Minimal regulatory spaces in yeast genomes. <b>2011</b> , 12, 320	4
652	Construction of diploid zygotes by interallelic complementation of <i>ade6</i> in <i>Schizosaccharomyces japonicus</i> . <b>2011</b> , 28, 747-54	4
651	Complementation of the <i>pha2</i> yeast mutant suggests functional differences for arogenate dehydratases from <i>Arabidopsis thaliana</i> . <b>2011</b> , 49, 882-90	17
650	Augmented annotation of the <i>Schizosaccharomyces pombe</i> genome reveals additional genes required for growth and viability. <b>2011</b> , 187, 1207-17	25
649	Revisiting the yeast PPR proteins--application of an Iterative Hidden Markov Model algorithm reveals new members of the rapidly evolving family. <b>2011</b> , 28, 2935-48	39
648	Genome evolution in the <i>eremothecium</i> clade of the <i>Saccharomyces</i> complex revealed by comparative genomics. <b>2011</b> , 1, 539-48	32
647	Expansion of hexose transporter genes was associated with the evolution of aerobic fermentation in yeasts. <b>2011</b> , 28, 131-42	60

646	Genomic mRNA profiling reveals compensatory mechanisms for the requirement of the essential splicing factor U2AF. <b>2011</b> , 31, 652-61	19
645	Mediator head subcomplex Med11/22 contains a common helix bundle building block with a specific function in transcription initiation complex stabilization. <b>2011</b> , 39, 6291-304	38
644	A meiotic gene regulatory cascade driven by alternative fates for newly synthesized transcripts. <b>2011</b> , 22, 66-77	20
643	Diversity in requirement of genetic and epigenetic factors for centromere function in fungi. <b>2011</b> , 10, 1384-95	33
642	Spt6 is required for heterochromatic silencing in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2011</b> , 31, 4193-204	29
641	Comparative whole genome sequencing reveals phenotypic tRNA gene duplication in spontaneous <i>Schizosaccharomyces pombe</i> La mutants. <b>2011</b> , 39, 4728-42	15
640	Topoisomerase II binds nucleosome-free DNA and acts redundantly with topoisomerase I to enhance recruitment of RNA Pol II in budding yeast. <b>2011</b> , 108, 12693-8	58
639	The solute carrier families have a remarkably long evolutionary history with the majority of the human families present before divergence of Bilaterian species. <b>2011</b> , 28, 1531-41	115
638	Programmed fluctuations in sense/antisense transcript ratios drive sexual differentiation in <i>S. pombe</i> . <b>2011</b> , 7, 559	36
637	Deconvolution of chromatin immunoprecipitation-microarray (ChIP-chip) analysis of MBF occupancies reveals the temporal recruitment of Rep2 at the MBF target genes. <b>2011</b> , 10, 130-41	2
636	Protein arginine methylation in parasitic protozoa. <b>2011</b> , 10, 1013-22	46
635	Production of ibuprofen acyl glucosides by human UGT2B7. <b>2011</b> , 39, 2174-81	26
634	Systematic localization study on novel proteins encoded by meiotically up-regulated ORFs in fission yeast. <b>2011</b> , 75, 2364-70	10
633	Tra1 has specific regulatory roles, rather than global functions, within the SAGA co-activator complex. <b>2011</b> , 30, 2843-52	48
632	Cadmium-induced proteome remodeling regulated by Spc1/Sty1 and Zip1 in fission yeast. <b>2012</b> , 129, 200-12	13
631	Evidence that RNA polymerase II and not TFIIB is responsible for the difference in transcription initiation patterns between <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 40, 6495-507	11
630	Network evolution: rewiring and signatures of conservation in signaling. <b>2012</b> , 8, e1002411	27
629	The CCR4-NOT complex is implicated in the viability of aneuploid yeasts. <b>2012</b> , 8, e1002776	12

628	OriDB, the DNA replication origin database updated and extended. <b>2012</b> , 40, D682-6	103
627	A stochastic model of kinetochore-microtubule attachment accurately describes fission yeast chromosome segregation. <b>2012</b> , 196, 757-74	46
626	tRNAomics: tRNA gene copy number variation and codon use provide bioinformatic evidence of a new anticodon:codon wobble pair in a eukaryote. <b>2012</b> , 18, 1358-72	39
625	The <i>Schizosaccharomyces pombe</i> <i>inv1+</i> regulatory region is unusually large and contains redundant cis-acting elements that function in a SAGA- and Swi/Snf-dependent fashion. <b>2012</b> , 11, 1067-74	4
624	Ensuring the faithful execution of cytokinesis in <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 5, 265-71	1
623	Simultaneous Segmentation of Cell and Nucleus in <i>Schizosaccharomyces pombe</i> Images with Focus Gradient. <b>2012</b> ,	
622	CUE domain-containing protein Vps901 is required for vacuolar protein transport in <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 76, 652-9	3
621	Yeast sterol regulatory element-binding protein (SREBP) cleavage requires Cdc48 and Dsc5, a ubiquitin regulatory X domain-containing subunit of the Golgi Dsc E3 ligase. <b>2012</b> , 287, 672-681	41
620	PomBase: a comprehensive online resource for fission yeast. <b>2012</b> , 40, D695-9	221
619	Growth of transplastomic cells expressing D-amino acid oxidase in chloroplasts is tolerant to D-alanine and inhibited by D-valine. <b>2012</b> , 160, 2219-26	24
618	How can satellite DNA divergence cause reproductive isolation? Let us count the chromosomal ways. <b>2012</b> , 2012, 430136	40
617	<i>Schizosaccharomyces pombe</i> Hat1 (Kat1) is associated with Mis16 and is required for telomeric silencing. <b>2012</b> , 11, 1095-103	16
616	Production of recombinant proteins by yeast cells. <b>2012</b> , 30, 1108-18	238
615	Origin and evolution of carnivorism in the Ascomycota (fungi). <b>2012</b> , 109, 10960-5	64
614	Centromeric heterochromatin assembly in fission yeast--balancing transcription, RNA interference and chromatin modification. <b>2012</b> , 20, 521-34	21
613	Genome-wide identification and characterization of replication origins by deep sequencing. <b>2012</b> , 13, R27	73
612	Yeast Genomics Technique for High-Throughput Drug Target Discovery. <b>2012</b> , 73, 398-405	1
611	Quantitative analysis of fission yeast transcriptomes and proteomes in proliferating and quiescent cells. <b>2012</b> , 151, 671-83	388

610	Analyzing fission yeast multidrug resistance mechanisms to develop a genetically tractable model system for chemical biology. <b>2012</b> , 19, 893-901	28
609	SKIP is a component of the spliceosome linking alternative splicing and the circadian clock in Arabidopsis. <b>2012</b> , 24, 3278-95	147
608	Interacting factors and cellular localization of SR protein-specific kinase Dsk1. <b>2012</b> , 318, 2071-84	2
607	Unexpected contribution of cytochrome P450 enzymes CYP11B2 and CYP21, as well as CYP3A4 in xenobiotic androgen elimination - insights from metandienone metabolism. <b>2012</b> , 213, 381-91	34
606	DNA replication through hard-to-replicate sites, including both highly transcribed RNA Pol II and Pol III genes, requires the <i>S. pombe</i> Pfh1 helicase. <b>2012</b> , 26, 581-93	77
605	Functional repurposing revealed by comparing <i>S. pombe</i> and <i>S. cerevisiae</i> genetic interactions. <b>2012</b> , 149, 1339-52	122
604	Fungal Smn and Spf30 homologues are mainly present in filamentous fungi and genomes with many introns: implications for spinal muscular atrophy. <b>2012</b> , 491, 135-41	8
603	Generation and analysis of a barcode-tagged insertion mutant library in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 13, 161	13
602	Centromere-associated repeat arrays on <i>Trypanosoma brucei</i> chromosomes are much more extensive than predicted. <b>2012</b> , 13, 29	20
601	Identification of novel genes involved in DNA damage response by screening a genome-wide <i>Schizosaccharomyces pombe</i> deletion library. <b>2012</b> , 13, 662	17
600	Genome-scale metabolic model of the fission yeast <i>Schizosaccharomyces pombe</i> and the reconciliation of in silico/in vivo mutant growth. <b>2012</b> , 6, 49	21
599	A functional selection model explains evolutionary robustness despite plasticity in regulatory networks. <b>2012</b> , 8, 619	40
598	RNA Interference and Functional Genomics in Fungi. <b>2012</b> , 773-792	1
597	Keystone Species of Molecular Interaction Networks. <b>2012</b> , 25, 73-88	
596	Characterization of triglyceride lipase genes of fission yeast <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 96, 981-91	22
595	Comparative Genomics Methods for the Prediction of Small RNA-Binding Sites. <b>2012</b> , 592-601	
594	1.15 Analysis of 2-D Crystals of Membrane Proteins by Electron Microscopy. <b>2012</b> , 277-310	5
593	Cuf2 is a novel meiosis-specific regulatory factor of meiosis maturation. <b>2012</b> , 7, e36338	13

592	Genome and transcriptome analysis of the food-yeast <i>Candida utilis</i> . <b>2012</b> , 7, e37226	25
591	Identification and functional analysis of the <i>erh1(+)</i> gene encoding enhancer of rudimentary homolog from the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 7, e49059	12
590	Evolutionary Analysis of Sequence Divergence and Diversity of Duplicate Genes in <i>Aspergillus fumigatus</i> . <b>2012</b> , 8, 623-44	6
589	Construction of an insertion marker collection of <i>Sz. japonicus</i> (IMACS) for genetic mapping and a fosmid library covering its genome. <b>2012</b> , 29, 241-9	6
588	The non-hierarchical, non-uniformly branching topology of a leuconoid sponge aquiferous system revealed by 3D reconstruction and morphometrics using corrosion casting and X-ray microtomography. <b>2012</b> , 93, 160-170	11
587	A dominant role for meiosis-specific 3' RNA processing in controlling expression of a fission yeast cyclin gene. <b>2012</b> , 18, 1408-20	3
586	Independent evolution of striated muscles in cnidarians and bilaterians. <i>Nature</i> , <b>2012</b> , 487, 231-4	50.4 172
585	Engineered high content of ricinoleic acid in fission yeast <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 95, 179-87	42
584	Synthesis and production of unsaturated and polyunsaturated fatty acids in yeast: current state and perspectives. <b>2012</b> , 95, 1-12	62
583	RNA and epigenetic silencing: insight from fission yeast. <b>2012</b> , 54, 129-41	28
582	<del>l</del> Aryl- <del>l</del> amino acid aminotransferase from <i>Variovorax</i> sp. JH2 is useful for enantioselective <del>l</del> phenylalanine production. <b>2012</b> , 1, 253-258	4
581	Chemical-genomic profiling: systematic analysis of the cellular targets of bioactive molecules. <b>2012</b> , 20, 1952-60	33
580	Toward genome-enabled mycology. <b>2013</b> , 105, 1339-49	29
579	Noncoding RNAs prevent spreading of a repressive histone mark. <b>2013</b> , 20, 994-1000	56
578	Genome architecture is a selectable trait that can be maintained by antagonistic pleiotropy. <b>2013</b> , 4, 2235	49
577	Dissection of a redox relay: H <sub>2</sub> O <sub>2</sub> -dependent activation of the transcription factor Pap1 through the peroxidatic Tpx1-thioredoxin cycle. <b>2013</b> , 5, 1413-24	44
576	Small RNAs, big impact: small RNA pathways in transposon control and their effect on the host stress response. <b>2013</b> , 21, 587-600	39
575	Return of the Fungi. <b>2013</b> , 9, 328-330	



574	Identification and characterisation of non-coding small RNAs in the pathogenic filamentous fungus <i>Trichophyton rubrum</i> . <b>2013</b> , 14, 931	6
573	Robust cell segmentation for <i>Schizosaccharomyces pombe</i> images with focus gradient. <b>2013</b> ,	3
572	The process of kinetochore assembly in yeasts. <b>2013</b> , 338, 107-17	8
571	Bioremediation and Genetically Modified Organisms. <b>2013</b> , 433-451	9
570	The secretory pathway: exploring yeast diversity. <b>2013</b> , 37, 872-914	126
569	Mechanisms and dynamics of heterochromatin formation during mammalian development: closed paths and open questions. <b>2013</b> , 104, 1-45	37
568	Coexpression of CPR from various origins enhances biotransformation activity of human CYPs in <i>S. pombe</i> . <b>2013</b> , 170, 1751-66	17
567	A Changing Landscape of Fungal Genomics. <b>2013</b> , 1-20	2
566	Integration profiling of gene function with dense maps of transposon integration. <b>2013</b> , 195, 599-609	45
565	Extensive mass spectrometry-based analysis of the fission yeast proteome: the <i>Schizosaccharomyces pombe</i> PeptideAtlas. <b>2013</b> , 12, 1741-51	21
564	Mate and fuse: how yeast cells do it. <b>2013</b> , 3, 130008	144
563	Influence of long terminal repeat retrotransposons in the genomes of fission yeasts. <b>2013</b> , 41, 1629-33	4
562	The repertoires of ubiquitinating and deubiquitinating enzymes in eukaryotic genomes. <b>2013</b> , 30, 1172-87	54
561	Introns regulate gene expression in <i>Cryptococcus neoformans</i> in a Pab2p dependent pathway. <b>2013</b> , 9, e1003686	29
560	Quantitative control of protein S-palmitoylation regulates meiotic entry in fission yeast. <b>2013</b> , 11, e1001597	50
559	The genome and development-dependent transcriptomes of <i>Pyronema confluens</i> : a window into fungal evolution. <b>2013</b> , 9, e1003820	65
558	Systematic genetic analysis of transcription factors to map the fission yeast transcription-regulatory network. <b>2013</b> , 41, 1696-700	5
557	Interactions of photosynthesis with genome size and function. <b>2013</b> , 368, 20120264	38

556	Characterization of genome-reduced fission yeast strains. <b>2013</b> , 41, 5382-99	14
555	Complete DNA sequence of <i>Kuraishia capsulata</i> illustrates novel genomic features among budding yeasts (Saccharomycotina). <b>2013</b> , 5, 2524-39	33
554	Detection and characterization of megasatellites in orthologous and nonorthologous genes of 21 fungal genomes. <b>2013</b> , 12, 794-803	7
553	Cross-species protein interactome mapping reveals species-specific wiring of stress response pathways. <b>2013</b> , 6, ra38	29
552	FYPO: the fission yeast phenotype ontology. <b>2013</b> , 29, 1671-8	35
551	Replisome stall events have shaped the distribution of replication origins in the genomes of yeasts. <b>2013</b> , 41, 9705-18	37
550	Systems biology methods and developments for <i>Saccharomyces cerevisiae</i> and other industrial yeasts in relation to the production of fermented food and food ingredients. <b>2013</b> , 42-80	
549	Lariat sequencing in a unicellular yeast identifies regulated alternative splicing of exons that are evolutionarily conserved with humans. <b>2013</b> , 110, 12762-7	56
548	New vectors for epitope tagging and gene disruption in <i>Schizosaccharomyces pombe</i> . <b>2013</b> , 55, 257-63	11
547	Splicing-related features of introns serve to propel evolution. <b>2013</b> , 8, e58547	4
546	Paralogous ribosomal protein l32-1 and l32-2 in fission yeast may function distinctively in cellular proliferation and quiescence by changing the ratio of rpl32 paralogs. <b>2013</b> , 8, e60689	0
545	Mechanisms of intron loss and gain in the fission yeast <i>Schizosaccharomyces</i> . <b>2013</b> , 8, e61683	21
544	Identification of a lifespan extending mutation in the <i>Schizosaccharomyces pombe</i> cyclin gene <i>clg1+</i> by direct selection of long-lived mutants. <b>2013</b> , 8, e69084	15
543	New insights into the RNA-based mechanism of action of the anticancer drug 5'-fluorouracil in eukaryotic cells. <b>2013</b> , 8, e78172	27
542	PombeX: robust cell segmentation for fission yeast transillumination images. <b>2013</b> , 8, e81434	12
541	The shikimate pathway in apicomplexan parasites: implications for drug development. <b>2013</b> , 18, 944-69	14
540	Rho1 GTPase and PKC ortholog Pck1 are upstream activators of the cell integrity MAPK pathway in fission yeast. <b>2014</b> , 9, e88020	21
539	Population genomics of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2014</b> , 9, e104241	31

538	Characterization of the nuclear import mechanism of the CCAAT-regulatory subunit Php4. <b>2014</b> , 9, e110721	4
537	Genome-wide analyses and functional classification of proline repeat-rich proteins: potential role of eIF5A in eukaryotic evolution. <b>2014</b> , 9, e111800	54
536	The Little Fly that Could: Wizardry and Artistry of Drosophila Genomics. <b>2014</b> , 5, 385-414	8
535	The early diverging ascomycetous budding yeast <i>Saitoella complicata</i> has three histone deacetylases belonging to the Clr6, Hos2, and Rpd3 lineages. <b>2014</b> , 60, 7-12	4
534	Medical Yeasts, 1800 to 2000. <b>2014</b> , 227-253	
533	Fungal Genomics. <b>2014</b> , 1-52	15
532	Evolutionary and Adaptive Role of Transposable Elements in Fungal Genomes. <b>2014</b> , 79-107	11
531	Conservation and divergence of transcriptional coregulations between box C/D snoRNA and ribosomal protein genes in Ascomycota. <b>2014</b> , 20, 1376-85	5
530	Proteins involved in the degradation of cytoplasmic mRNA in the major eukaryotic model systems. <b>2014</b> , 11, 1122-36	51
529	Unexpected role of the steroid-deficiency protein ecdysoneless in pre-mRNA splicing. <b>2014</b> , 10, e1004287	25
528	Gene expansion shapes genome architecture in the human pathogen <i>Lichtheimia corymbifera</i> : an evolutionary genomics analysis in the ancient terrestrial mucorales (Mucoromycotina). <b>2014</b> , 10, e1004496	55
527	The proper splicing of RNAi factors is critical for pericentric heterochromatin assembly in fission yeast. <b>2014</b> , 10, e1004334	21
526	Endoplasmic reticulum stress response in yeast and humans. <b>2014</b> , 34,	67
525	Functional toxicology: tools to advance the future of toxicity testing. <b>2014</b> , 5, 110	30
524	On the role of some ARGONAUTE proteins in meiosis and DNA repair in <i>Arabidopsis thaliana</i> . <b>2014</b> , 5, 177	38
523	On the current status of <i>Phakopsora pachyrhizi</i> genome sequencing. <b>2014</b> , 5, 377	16
522	Characterization and in vivo functional analysis of the <i>Schizosaccharomyces pombe</i> ICLN gene. <b>2014</b> , 34, 595-605	6
521	Mutations in the proteolipid subunits of the vacuolar H <sup>+</sup> -ATPase provide resistance to indolotryptoline natural products. <b>2014</b> , 53, 7123-31	7

520	Proteome-wide search for PP2A substrates in fission yeast. <b>2014</b> , 14, 1367-80	6
519	Synchronized fission yeast meiosis using an ATP analog-sensitive Pat1 protein kinase. <b>2014</b> , 9, 223-31	14
518	Mudi, a web tool for identifying mutations by bioinformatics analysis of whole-genome sequence. <b>2014</b> , 19, 517-27	14
517	Centromeric barrier disruption leads to mitotic defects in <i>Schizosaccharomyces pombe</i> . <b>2014</b> , 4, 633-42	4
516	Chromosome conformation maps in fission yeast reveal cell cycle dependent sub nuclear structure. <b>2014</b> , 42, 12585-99	20
515	Comparative genomics suggests that the human pathogenic fungus <i>Pneumocystis jirovecii</i> acquired obligate biotrophy through gene loss. <b>2014</b> , 6, 1938-48	38
514	Does a shift to limited glucose activate checkpoint control in fission yeast?. <b>2014</b> , 588, 2373-8	11
513	The ribosomal protein rpl26 promoter is required for its 3' sense terminus ncRNA transcription in <i>Schizosaccharomyces pombe</i> , implicating a new transcriptional mechanism for ncRNAs. <b>2014</b> , 444, 86-91	4
512	Physical methods for genetic transformation of fungi and yeast. <b>2014</b> , 11, 184-203	37
511	Fungal RNA Biology. <b>2014</b> ,	3
510	Not your ordinary yeast: non-Saccharomyces yeasts in wine production uncovered. <b>2014</b> , 14, 215-37	475
509	Subtelomeres. <b>2014</b> ,	6
508	Automatic phenotyping of multi-channel <i>Schizosaccharomyces pombe</i> images. <b>2014</b> ,	
507	A genomic Multiprocess survey of machineries that control and link cell shape, microtubule organization, and cell-cycle progression. <b>2014</b> , 31, 227-239	26
506	The phosphopantetheinyl transferases: catalysis of a post-translational modification crucial for life. <b>2014</b> , 31, 61-108	210
505	The translational landscape of fission-yeast meiosis and sporulation. <b>2014</b> , 21, 641-7	57
504	Yeast synthetic biology for the production of recombinant therapeutic proteins. <b>2015</b> , 15, 1-16	55
503	Cytosine DNA methylation is found in <i>Drosophila melanogaster</i> but absent in <i>Saccharomyces cerevisiae</i> , <i>Schizosaccharomyces pombe</i> , and other yeast species. <b>2014</b> , 86, 3697-702	165

502	Unexpected similarities between the Schizosaccharomyces and human blood metabolomes, and novel human metabolites. <b>2014</b> , 10, 2538-51	35
501	Improving industrial yeast strains: exploiting natural and artificial diversity. <b>2014</b> , 38, 947-95	260
500	The role of frataxin in fission yeast iron metabolism: implications for Friedreich's ataxia. <b>2014</b> , 1840, 3022-33	12
499	Evolutionarily diverse determinants of meiotic DNA break and recombination landscapes across the genome. <b>2014</b> , 24, 1650-64	70
498	DNA replication components as regulators of epigenetic inheritance--lesson from fission yeast centromere. <b>2014</b> , 5, 411-9	12
497	Prevalence of transcription factors in ascomycete and basidiomycete fungi. <b>2014</b> , 15, 214	75
496	Secondary Metabolism. <b>2014</b> , 376-395	7
495	Fission yeast kinesin-8 controls chromosome congression independently of oscillations. <b>2015</b> , 128, 3720-30	22
494	The Long Terminal Repeat Retrotransposons Tf1 and Tf2 of Schizosaccharomyces pombe. <b>2015</b> , 3,	11
493	Widespread alternative and aberrant splicing revealed by lariat sequencing. <b>2015</b> , 43, 8488-501	36
492	Cnidaria: fast, reference-free clustering of raw and assembled genome and transcriptome NGS data. <b>2015</b> , 16, 352	10
491	Polyglutamine toxicity in yeast induces metabolic alterations and mitochondrial defects. <b>2015</b> , 16, 662	13
490	RNA-based regulation of transposon expression. <b>2015</b> , 6, 687-708	19
489	Genome Evolution in Yeasts. <b>2015</b> , 1-16	5
488	Yeast Cell Culture. <b>2015</b> , 1-5	
487	The Long Terminal Repeat Retrotransposons Tf1 and Tf2 of Schizosaccharomyces pombe. <b>2015</b> , 997-1010	2
486	AnGeLi: A Tool for the Analysis of Gene Lists from Fission Yeast. <b>2015</b> , 6, 330	33
485	PRIMED: PRIMER database for deleting and tagging all fission and budding yeast genes developed using the open-source genome retrieval script (GRS). <b>2015</b> , 10, e0116657	5

484	Cwf16p Associating with the Nineteen Complex Ensures Ordered Exon Joining in Constitutive Pre-mRNA Splicing in Fission Yeast. <b>2015</b> , 10, e0136336	5
483	Study of Cellular Processes in Higher Eukaryotes Using the Yeast <i>Schizosaccharomyces pombe</i> as a Model. <b>2015</b> ,	3
482	Objects and processes: Two notions for understanding biological information. <b>2015</b> , 380, 115-22	1
481	The spatial and temporal organization of origin firing during the S-phase of fission yeast. <b>2015</b> , 25, 391-401	41
480	Bulk Segregant Analysis Reveals the Genetic Basis of a Natural Trait Variation in Fission Yeast. <b>2015</b> , 7, 3496-510	16
479	Global transcriptomic profiling of <i>Schizosaccharomyces pombe</i> in response to nitrosative stress. <b>2015</b> , 558, 241-53	11
478	The genomic and phenotypic diversity of <i>Schizosaccharomyces pombe</i> . <b>2015</b> , 47, 235-41	111
477	Mechanisms of expression and translocation of major fission yeast glucose transporters regulated by CaMKK/phosphatases, nuclear shuttling, and TOR. <b>2015</b> , 26, 373-86	41
476	Transcriptional profiling analysis of individual kinase-deletion strains of fission yeast in response to nitrogen starvation. <b>2015</b> , 290, 1067-83	3
475	Parallel profiling of fission yeast deletion mutants for proliferation and for lifespan during long-term quiescence. <b>2014</b> , 5, 145-55	23
474	Nonsense codon suppression in fission yeast due to mutations of tRNA(Ser.11) and translation release factor Sup35 (eRF3). <b>2015</b> , 61, 165-73	4
473	Condensin targets and reduces unwound DNA structures associated with transcription in mitotic chromosome condensation. <b>2015</b> , 6, 7815	64
472	Basic principles of yeast genomics, a personal recollection. <b>2015</b> , 15, fov047	9
471	Genetic interaction mapping reveals a role for the SWI/SNF nucleosome remodeler in spliceosome activation in fission yeast. <b>2015</b> , 11, e1005074	18
470	Epigenetic Regulation of Chromatin States in <i>Schizosaccharomyces pombe</i> . <b>2015</b> , 7, a018770	113
469	Considerations for the use of transcriptomics in identifying the 'genes that matter' for environmental adaptation. <b>2015</b> , 218, 1925-35	76
468	Sequence features and transcriptional stalling within centromere DNA promote establishment of CENP-A chromatin. <b>2015</b> , 11, e1004986	70
467	Metagenomics and Metatranscriptomics for the Exploration of Natural Products from Soil Fungi. <b>2015</b> , 67-79	2

466	How gene expression in fast-proliferating cells keeps pace. <b>2015</b> , 37, 514-24	7
465	Phylogenomic analysis of <i>Emiliania huxleyi</i> provides evidence for haptophyte-stramenopile association and a chimeric haptophyte nuclear genome. <b>2015</b> , 21, 31-42	6
464	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for accumulating pyruvic acid. <b>2015</b> , 65, 2323-2331	15
463	Hybrid sterility of the yeast <i>Schizosaccharomyces pombe</i> : Genetic genus and many species in statu nascendi?. <b>2015</b> , 84, 159-169	9
462	Genetic basis of the highly efficient yeast <i>Kluyveromyces marxianus</i> : complete genome sequence and transcriptome analyses. <b>2015</b> , 8, 47	102
461	Fungal Transposable Elements. <b>2015</b> , 79-96	0
460	PomBase 2015: updates to the fission yeast database. <b>2015</b> , 43, D656-61	74
459	Pharmacovigilance. <b>2015</b> , 165-174	
458	Genome-wide analysis of core promoter structures in <i>Schizosaccharomyces pombe</i> with DeepCAGE. <b>2015</b> , 12, 525-37	38
457	Inner Kinetochore Protein Interactions with Regional Centromeres of Fission Yeast. <b>2015</b> , 201, 543-61	20
456	mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. <b>2015</b> , 6, 8192	47
455	Evaluation of BLAST-based edge-weighting metrics used for homology inference with the Markov Clustering algorithm. <b>2015</b> , 16, 218	9
454	AnABlast: a new in silico strategy for the genome-wide search of novel genes and fossil regions. <b>2015</b> , 22, 439-49	9
453	Suppression of Meiotic Recombination by CENP-B Homologs in <i>Schizosaccharomyces pombe</i> . <b>2015</b> , 201, 897-904	7
452	Dynamic transition of transcription and chromatin landscape during fission yeast adaptation to glucose starvation. <b>2015</b> , 20, 392-407	18
451	Adaptive regulation of glucose transport, glycolysis and respiration for cell proliferation. <b>2015</b> , 6, 423-30	2
450	An Ancient Yeast for Young Geneticists: A Primer on the <i>Schizosaccharomyces pombe</i> Model System. <b>2015</b> , 201, 403-23	112
449	Biostimulation of Oil Sands Process-Affected Water with Phosphate Yields Removal of Sulfur-Containing Organics and Detoxification. <b>2015</b> , 49, 13012-20	17

448	Typical Features of Genomes in the Mamiellophyceae. <b>2015</b> , 107-127	2
447	Widespread exon skipping triggers degradation by nuclear RNA surveillance in fission yeast. <b>2015</b> , 25, 884-96	33
446	Comparative genomics suggests primary homothallism of <i>Pneumocystis</i> species. <b>2015</b> , 6,	32
445	Nucleotide sequence composition adjacent to intronic splice sites improves splicing efficiency via its effect on pre-mRNA local folding in fungi. <b>2015</b> , 21, 1704-18	19
444	<i>Candida albicans</i> commensalism in the gastrointestinal tract. <b>2015</b> , 15,	81
443	Intron evolution in <i>Neurospora</i> : the role of mutational bias and selection. <b>2015</b> , 25, 100-10	8
442	Genetic Transformation Systems in Fungi, Volume 2. <b>2015</b> ,	6
441	Autophagy in Model Organisms: Insights into Cancer. <b>2016</b> ,	1
440	Similar Mutation Rates but Highly Diverse Mutation Spectra in Ascomycete and Basidiomycete Yeasts. <b>2016</b> , 8, 3815-3821	26
439	Modulation of Epigenetics by Environmental Toxic Molecules. <b>2016</b> , 10, 361-389	0
438	A Survey of the Gene Repertoire of <i>Gigaspora rosea</i> Unravels Conserved Features among Glomeromycota for Obligate Biotrophy. <b>2016</b> , 7, 233	79
437	Repeat-Associated Fission Yeast-Like Regional Centromeres in the Ascomycetous Budding Yeast <i>Candida tropicalis</i> . <b>2016</b> , 12, e1005839	40
436	The fission yeast MTREC and EJC orthologs ensure the maturation of meiotic transcripts during meiosis. <b>2016</b> , 22, 1349-59	4
435	Global Fitness Profiling Identifies Arsenic and Cadmium Tolerance Mechanisms in Fission Yeast. <b>2016</b> , 6, 3317-3333	15
434	Shugoshin forms a specialized chromatin domain at subtelomeres that regulates transcription and replication timing. <b>2016</b> , 7, 10393	23
433	Regulating retrotransposon activity through the use of alternative transcription start sites. <b>2016</b> , 17, 753-68	17
432	Molecular Mycology: An Introduction. <b>2016</b> , 1-13	
431	A phylum-level phylogenetic classification of zygomycete fungi based on genome-scale data. <b>2016</b> , 108, 1028-1046	684



430	Selection on Position of Nonsense Codons in Introns. <b>2016</b> , 204, 1239-1248	2
429	Preferential Protection of Genetic Fidelity within Open Chromatin by the Mismatch Repair Machinery. <b>2016</b> , 291, 17692-705	17
428	Centromeres of the Yeast <i>Komagataella phaffii</i> ( <i>Pichia pastoris</i> ) Have a Simple Inverted-Repeat Structure. <b>2016</b> , 8, 2482-92	29
427	Transcriptomic responses of a simplified soil microcosm to a plant pathogen and its biocontrol agent reveal a complex reaction to harsh habitat. <b>2016</b> , 17, 838	10
426	Intron retention-dependent gene regulation in <i>Cryptococcus neoformans</i> . <b>2016</b> , 6, 32252	33
425	Meiotic chromosome mobility in fission yeast is resistant to environmental stress. <b>2016</b> , 6, 24222	1
424	Genome-Wide Estimates of Mutation Rates and Spectrum in <i>Schizosaccharomyces pombe</i> Indicate CpG Sites are Highly Mutagenic Despite the Absence of DNA Methylation. <b>2015</b> , 6, 149-60	34
423	A Brief History of <i>Schizosaccharomyces pombe</i> Research: A Perspective Over the Past 70 Years. <b>2016</b> , 203, 621-9	28
422	Selection for reduced translation costs at the intronic 5' end in fungi. <b>2016</b> , 23, 377-94	6
421	Ian Dawes-the third Pope-lucky to be a researcher. <b>2016</b> , 16,	
420	Condensin Promotes Position Effects within Tandem DNA Repeats via the RITS Complex. <b>2016</b> , 14, 1018-1024	16
419	The AP-2 complex is required for proper temporal and spatial dynamics of endocytic patches in fission yeast. <b>2016</b> , 100, 409-24	9
418	Fungal genome sequencing: basic biology to biotechnology. <b>2016</b> , 36, 743-59	34
417	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. <b>2016</b> , 164, 310-323	67
416	Meiotic DSB patterning: A multifaceted process. <b>2016</b> , 15, 13-21	36
415	Cell-based screens and phenomics with fission yeast. <b>2016</b> , 51, 86-95	6
414	Towards a compendium of essential genes - From model organisms to synthetic lethality in cancer cells. <b>2016</b> , 51, 74-85	30
413	Sample Preparation Techniques for Soil, Plant, and Animal Samples. <b>2016</b> ,	1

412	Copper(I) stabilization by cysteine/tryptophan motif in the extracellular domain of Ctr4. <b>2016</b> , 159, 45-9	10
411	Advances in identification and validation of protein targets of natural products without chemical modification. <b>2016</b> , 33, 719-30	64
410	Water Transport in Yeasts. <b>2016</b> , 892, 107-124	4
409	Genome-wide functional analysis of SSR for an edible mushroom <i>Pleurotus ostreatus</i> . <b>2016</b> , 575, 524-530	19
408	Strong nucleosomes of yeasts. <b>2016</b> , 34, 439-47	
407	Model Organisms for Studying the Cell Cycle. <b>2016</b> , 1342, 21-57	3
406	Are all repeats created equal? Understanding DNA repeats at an individual level. <b>2017</b> , 63, 57-63	13
405	Transient structural variations have strong effects on quantitative traits and reproductive isolation in fission yeast. <b>2017</b> , 8, 14061	212
404	Genome sequencing and analysis of <i>Kloeckera apiculata</i> strain 34-9, a biocontrol agent against postharvest pathogens in citrus. <b>2017</b> , 39, 87-99	5
403	Unsupervised detection of regulatory gene expression information in different genomic regions enables gene expression ranking. <b>2017</b> , 18, 77	3
402	Deep functional analysis of synII, a 770-kilobase synthetic yeast chromosome. <b>2017</b> , 355,	101
401	Ablation of RNA interference and retrotransposons accompany acquisition and evolution of transposases to heterochromatin protein CENPB. <b>2017</b> , 28, 1132-1146	9
400	Cellular factories for coenzyme Q production. <b>2017</b> , 16, 39	33
399	Polycomb Group Systems in Fungi: New Models for Understanding Polycomb Repressive Complex 2. <b>2017</b> , 33, 220-231	24
398	The histone variant H2A.Z promotes splicing of weak introns. <b>2017</b> , 31, 688-701	17
397	Centromere and Kinetochore: Essential Components for Chromosome Segregation. <b>2017</b> , 259-288	0
396	Yeast Genetics as a Powerful Tool to Study Human Diseases. <b>2017</b> , 191-214	1
395	Incorporating comparative genomics into the design-test-learn cycle of microbial strain engineering. <b>2017</b> , 17,	6

394	Crystal structure of the Entamoeba histolytica RNA lariat debranching enzyme EhDbr1 reveals a catalytic Zn /Mn heterobinucleation. <b>2017</b> , 591, 2003-2010	4
393	Tailing and degradation of Argonaute-bound small RNAs protect the genome from uncontrolled RNAi. <b>2017</b> , 8, 15332	22
392	Crystal structure of the GLP-1 receptor bound to a peptide agonist. <i>Nature</i> , <b>2017</b> , 546, 254-258	50.4 126
391	A mutated dph3 gene causes sensitivity of Schizosaccharomyces pombe cells to cytotoxic agents. <b>2017</b> , 63, 1081-1091	4
390	Phylogenomic evolutionary surveys of subtilase superfamily genes in fungi. <b>2017</b> , 7, 45456	20
389	Phosphoribosyl Diphosphate (PRPP): Biosynthesis, Enzymology, Utilization, and Metabolic Significance. <b>2017</b> , 81,	67
388	CK2 phospho-independent assembly of the Tel2-associated stress-signaling complexes in Schizosaccharomyces pombe. <b>2017</b> , 22, 59-70	8
387	Fungal Genomes and Insights into the Evolution of the Kingdom. <b>2017</b> , 5,	47
386	Fungal Genetics. <b>2017</b> , 91-118	
385	Metabolic engineering of via CRISPR-Cas9 genome editing for lactic acid production from glucose and cellobiose. <b>2017</b> , 5, 60-67	15
384	New Genes and Functional Innovation in Mammals. <b>2017</b> , 9, 1886-1900	31
383	The Yeast Genomes in Three Dimensions: Mechanisms and Functions. <b>2017</b> , 51, 23-44	15
382	Genome Diversity and Evolution in the Budding Yeasts (Saccharomycotina). <b>2017</b> , 206, 717-750	71
381	Mating response and construction of heterothallic strains of the fission yeast Schizosaccharomyces octosporus. <b>2017</b> , 17,	8
380	Nineteen complex-related factor Prp45 is required for the early stages of cotranscriptional spliceosome assembly. <b>2017</b> , 23, 1512-1524	3
379	Screening and purification of natural products from actinomycetes that affect the cell shape of fission yeast. <b>2017</b> , 130, 3173-3185	6
378	The molecular mechanisms of Monascus purpureus M9 responses to blue light based on the transcriptome analysis. <b>2017</b> , 7, 5537	8
377	Genetic Analysis of. <b>2017</b> , 2017, pdb.top079772	12

376	Bacterial endosymbionts influence host sexuality and reveal reproductive genes of early divergent fungi. <b>2017</b> , 8, 1843	38
375	Multiple Approaches to Phylogenomic Reconstruction of the Fungal Kingdom. <b>2017</b> , 100, 211-266	15
374	How causal analysis can reveal autonomy in models of biological systems. <b>2017</b> , 375,	28
373	Determinants of Histone H3K4 Methylation Patterns. <b>2017</b> , 68, 773-785.e6	95
372	OrthoFiller: utilising data from multiple species to improve the completeness of genome annotations. <b>2017</b> , 18, 390	11
371	Proximity ligation scaffolding and comparison of two strains genomes. <b>2017</b> , 10, 151	22
370	A fission yeast cell-based system for multidrug resistant HIV-1 proteases. <b>2017</b> , 7, 5	4
369	Spatial organization of the <i>Schizosaccharomyces pombe</i> genome within the nucleus. <b>2017</b> , 34, 55-66	9
368	Genetic controls of DNA damage avoidance in response to acetaldehyde in fission yeast. <b>2017</b> , 16, 45-58	15
367	5'-UTR introns enhance protein expression in the yeast <i>Saccharomyces cerevisiae</i> . <b>2017</b> , 101, 241-251	32
366	Big data mining powers fungal research: recent advances in fission yeast systems biology approaches. <b>2017</b> , 63, 427-433	5
365	In vitro reconstitution and biochemical analyses of the <i>Schizosaccharomyces pombe</i> nucleosome. <b>2017</b> , 482, 896-901	5
364	Advances in Fungal Phylogenomics and Their Impact on Fungal Systematics. <b>2017</b> , 100, 309-328	10
363	Eroded telomeres are rearranged in quiescent fission yeast cells through duplications of subtelomeric sequences. <b>2017</b> , 8, 1684	20
362	Yeast Genome Sequencing: Basic Biology, Human Biology, and Biotechnology. <b>2017</b> , 201-226	
361	Non-Saccharomyces (and Bacteria) Yeasts That Produce Ethanol. <b>2017</b> , 389-413	
360	Fungal Genomes and Insights into the Evolution of the Kingdom. <b>2017</b> , 619-633	9
359	Generation of <i>gua1</i> deletion using polymerase chain reaction (PCR)-mediated gene disruption method in fission yeast, <i>Schizosaccharomyces pombe</i> . <b>2017</b> , 16, 1501-1506	

358	Lack of a peroxiredoxin suppresses the lethality of cells devoid of electron donors by channelling electrons to oxidized ribonucleotide reductase. <b>2017</b> , 13, e1006858	3
357	Unique molecular mechanisms for maintenance and alteration of genetic information in the budding yeast. <b>2017</b> , 39, 28	5
356	Identification of 15 candidate structured noncoding RNA motifs in fungi by comparative genomics. <b>2017</b> , 18, 785	8
355	Yeast for virus research. <b>2017</b> , 4, 311-330	21
354	Centromere Stability: The Replication Connection. <b>2017</b> , 8,	6
353	Iron homeostasis regulates facultative heterochromatin assembly in adaptive genome control. <b>2018</b> , 25, 372-383	20
352	RNAi drives nonreciprocal translocations at eroding chromosome ends to establish telomere-free linear chromosomes. <b>2018</b> , 32, 537-554	7
351	Sequence requirement of the ade6-4095 meiotic recombination hotspot in <i>Schizosaccharomyces pombe</i> . <b>2018</b> , 146, 65-74	2
350	Construction of Designer Selectable Marker Deletions with a CRISPR-Cas9 Toolbox in and New Design of Common Entry Vectors. <b>2018</b> , 8, 789-796	6
349	<i>Schizosaccharomyces pombe</i> . <b>2018</b> ,	1
348	Total RNA Isolation and Quantification of Specific RNAs in Fission Yeast. <b>2018</b> , 1721, 63-72	8
347	Repeated evolution of self-compatibility for reproductive assurance. <b>2018</b> , 9, 1639	10
346	Splicing and Alternative Splicing Impact on Gene Design. <b>2018</b> , 131-168	
345	The natural diversity and ecology of fission yeast. <b>2018</b> , 35, 253-260	15
344	Spurious transcription and its impact on cell function. <b>2018</b> , 9, 182-189	21
343	Introduction to Fission Yeast as a Model System. <b>2018</b> , 2018,	17
342	<i>Schizosaccharomyces japonicus</i> has low levels of CoQ synthesis, respiration deficiency, and efficient ethanol production. <b>2018</b> , 82, 1031-1042	9
341	. <b>2018</b> ,	7

340	The essential genome of the crenarchaeal model <i>Sulfolobus islandicus</i> . <b>2018</b> , 9, 4908	44
339	Gene Essentiality Analyzed by Transposon Mutagenesis and Machine Learning in a Stable Haploid Isolate of. <b>2018</b> , 9,	57
338	Assembly of <i>Schizosaccharomyces cryophilus</i> chromosomes and their comparative genomic analyses revealed principles of genome evolution of the haploid fission yeasts. <b>2018</b> , 8, 14629	5
337	Sequana coverage: detection and characterization of genomic variations using running median and mixture models. <b>2018</b> , 7,	6
336	Uncovering Natural Longevity Alleles from Intercrossed Pools of Aging Fission Yeast Cells. <b>2018</b> , 210, 733-744	7
335	How Do Yeast and Other Fungi Recognize and Respond to Genome Perturbations?. <b>2018</b> , 87-130	2
334	Chromatin-mediated regulators of meiotic recombination revealed by proteomics of a recombination hotspot. <b>2018</b> , 11, 64	11
333	Novel diagnostic marker genes differentiate <i>Saccharomyces</i> with respect to their potential application. <b>2018</b> , 124, 416-424	1
332	Physical basis for long-distance communication along meiotic chromosomes. <b>2018</b> , 115, E9333-E9342	19
331	Functional genomics for the oleaginous yeast <i>Yarrowia lipolytica</i> . <b>2018</b> , 48, 184-196	18
330	PomBase: The Scientific Resource for Fission Yeast. <b>2018</b> , 1757, 49-68	15
329	A Heterochromatin Domain Forms Gradually at a New Telomere and Is Dynamic at Stable Telomeres. <b>2018</b> , 38,	4
328	The Pif1 signature motif of Pfh1 is necessary for both protein displacement and helicase unwinding activities, but is dispensable for strand-annealing activity. <b>2018</b> , 46, 8516-8531	15
327	Creating a functional single-chromosome yeast. <i>Nature</i> , <b>2018</b> , 560, 331-335	50.4 106
326	The genome of <i>Rhizophagus clarus</i> HR1 reveals a common genetic basis for auxotrophy among arbuscular mycorrhizal fungi. <b>2018</b> , 19, 465	45
325	Using in vivo oxidation status of one- and two-component redox relays to determine HO levels linked to signaling and toxicity. <b>2018</b> , 16, 61	11
324	Identification of in the guts of healthy individuals and patients with colorectal cancer: preliminary evidence from a gut microbiome secretome study. <b>2018</b> , 10, 29	4
323	Quantitative Phosphoproteomics Reveals the Signaling Dynamics of Cell-Cycle Kinases in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <b>2018</b> , 24, 503-514	39

322	Genome Mining of Non-Conventional Yeasts: Search and Analysis of Clusters and Proteins. <b>2018</b> , 9,	10
321	Genomics and evolution of <i>Pneumocystis</i> species. <b>2018</b> , 65, 308-320	9
320	The Transcriptome-wide Landscape and Modalities of EJC Binding in Adult <i>Drosophila</i> . <b>2019</b> , 28, 1219-1236.e18	
319	An Evaluation of Machine Learning Approaches for the Prediction of Essential Genes in Eukaryotes Using Protein Sequence-Derived Features. <b>2019</b> , 17, 785-796	18
318	Heterogeneous transposable elements as silencers, enhancers and targets of meiotic recombination. <b>2019</b> , 128, 279-296	13
317	Discovery of Teneurins. <b>2019</b> , 13, 230	5
316	Ent3 and GGA adaptors facilitate diverse anterograde and retrograde trafficking events to and from the prevacuolar endosome. <b>2019</b> , 9, 10747	3
315	Genome sequencing and comparison of five species to identify candidate genes for the detection of regulated species infecting wheat. <b>2019</b> , 10, 11	14
314	The Use of Algae and Fungi for Removal of Pharmaceuticals by Bioremediation and Biosorption Processes: A Review. <b>2019</b> , 11, 1555	49
313	Phosphorus Transport in Mycorrhiza: How Far Are We?. <b>2019</b> , 24, 794-801	24
312	Identification of putative G-quadruplex DNA structures in <i>S. pombe</i> genome by quantitative PCR stop assay. <b>2019</b> , 82, 102678	10
311	Intraspecific Diversity of Fission Yeast Mitochondrial Genomes. <b>2019</b> , 11, 2312-2329	10
310	Measuring the impact of gene prediction on gene loss estimates in Eukaryotes by quantifying falsely inferred absences. <b>2019</b> , 15, e1007301	22
309	Potential of Thermotolerant Ethanologenic Yeasts Isolated from ASEAN Countries and Their Application in High- Temperature Fermentation. <b>2019</b> ,	4
308	Multivariate analysis of genomic variables, effective population size, and mutation rate. <b>2019</b> , 12, 60	1
307	The ESCRT Complexes. <b>2019</b> ,	1
306	The Impact of Centromeres on Spatial Genome Architecture. <b>2019</b> , 35, 565-578	33
305	Simplified Transformation of Using Polyethylene Glycol. <b>2019</b> , 10,	8

304	Using genetics to understand biology. <b>2019</b> , 123, 4-13	5
303	Ancestral Admixture Is the Main Determinant of Global Biodiversity in Fission Yeast. <b>2019</b> , 36, 1975-1989	29
302	TASks for subtelomeres: when nucleosome loss and genome instability are favored. <b>2019</b> , 65, 1153-1160	2
301	Positive Selection Evidence in Xylose-Related Genes Suggests Methylglyoxal Reductase as a Target for the Improvement of Yeasts' Fermentation in Industry. <b>2019</b> , 11, 1923-1938	5
300	Chitin Prevalence and Function in Bacteria, Fungi and Protists. <b>2019</b> , 1142, 19-59	6
299	Fitness Landscape of the Fission Yeast Genome. <b>2019</b> , 36, 1612-1623	2
298	Evolution of Genomic Base Composition: From Single Cell Microbes to Multicellular Animals. <b>2019</b> , 17, 362-370	15
297	Killer Meiotic Drive and Dynamic Evolution of the wtf Gene Family. <b>2019</b> , 36, 1201-1214	24
296	Functional Genomics Approach Towards Dissecting Out Abiotic Stress Tolerance Trait in Plants. <b>2019</b> , 1-24	1
295	XPG-related nucleases are hierarchically recruited for double-stranded rDNA break resection. <b>2019</b> , 294, 7632-7643	4
294	AYbRAH: a curated ortholog database for yeasts and fungi spanning 600 million years of evolution. <b>2019</b> , 2019,	5
293	Biological and chemical diversity go hand in hand: Basidiomycota as source of new pharmaceuticals and agrochemicals. <b>2019</b> , 37, 107344	52
292	Established and Upcoming Yeast Expression Systems. <b>2019</b> , 1923, 1-74	13
291	Immediate visualization of recombination events and chromosome segregation defects in fission yeast meiosis. <b>2019</b> , 128, 385-396	4
290	The conservation of polyol transporter proteins and their involvement in lichenized Ascomycota. <b>2019</b> , 123, 318-329	7
289	Torsional Turning Motion of Chromosomes as an Accelerating Force to Align Homologous Chromosomes during Meiosis. <b>2019</b> , 88, 023801	2
288	Tiny Models to Answer Big Questions: The Worm and the Yeast as Tools in Human Genetics Research. <b>2019</b> , 49-68	
287	Crosstalk between autophagy and apoptosis induced by camphor in <i>Schizosaccharomyces pombe</i> . <b>2019</b> , 43, 382-390	3



286	The Use of Whole Genome and Next-Generation Sequencing in the Diagnosis of Invasive Fungal Disease. <b>2019</b> , 13, 284-291	2
285	Comparative Genomics and Transcriptomics To Analyze Fruiting Body Development in Filamentous Ascomycetes. <b>2019</b> , 213, 1545-1563	5
284	A DNA Sequence Corpus for Compression Benchmark. <b>2019</b> , 208-215	2
283	Ribosomal DNA instability and genome adaptability. <b>2019</b> , 27, 73-87	29
282	André Goffeau's imprinting on second generation yeast "genomologists". <b>2019</b> , 36, 167-175	1
281	Inevitability or contingency: how many chromosomes do we really need?. <b>2019</b> , 62, 140-143	2
280	Towards Quantitative Microbiome Community Profiling Using Internal Standards. <b>2019</b> , 85,	27
279	MCAT: Motif Combining and Association Tool. <b>2019</b> , 26, 1-15	4
278	Cellular models of Batten disease. <b>2020</b> , 1866, 165559	10
277	Minimal Cells: Design, Construction, Biotechnological Applications. <b>2020</b> ,	0
276	Set1/COMPASS repels heterochromatin invasion at euchromatic sites by disrupting Suv39/Clr4 activity and nucleosome stability. <b>2020</b> , 34, 99-117	5
275	Metabolism of phospholipids in the yeast <i>Schizosaccharomyces pombe</i> . <b>2020</b> , 37, 73-92	5
274	Stabilization of G-quadruplex DNA structures in <i>Schizosaccharomyces pombe</i> causes single-strand DNA lesions and impedes DNA replication. <b>2020</b> , 48, 10998-11015	6
273	A universal and independent synthetic DNA ladder for the quantitative measurement of genomic features. <b>2020</b> , 11, 3609	1
272	Microtubule nucleation promoters Mto1 and Mto2 regulate cytokinesis in fission yeast. <b>2020</b> , 31, 1846-1856	2
271	Comparing the utility of in vivo transposon mutagenesis approaches in yeast species to infer gene essentiality. <b>2020</b> , 66, 1117-1134	7
270	Functional Expression of All Human Sulfotransferases in Fission Yeast, Assay Development, and Structural Models for Isoforms SULT4A1 and SULT6B1. <b>2020</b> , 10,	4
269	The occurrence and function of alternative splicing in fungi. <b>2020</b> , 34, 178-188	2

268	Genome Sequencing of Provides Insights into Its Phylogenetic Placement and Mycoparasitism Mechanisms on Morel Mushrooms. <b>2020</b> , 9,	8
267	Cadmium-Induced Cell Homeostasis Impairment is Suppressed by the Tor1 Deficiency in Fission Yeast. <b>2020</b> , 21,	4
266	Pomegranate: 2D segmentation and 3D reconstruction for fission yeast and other radially symmetric cells. <b>2020</b> , 10, 16580	1
265	Molecular Tools for Gene Analysis in Fission Yeast. <b>2020</b> ,	
264	The conserved elongation factor Spn1 is required for normal transcription, histone modifications, and splicing in <i>Saccharomyces cerevisiae</i> . <b>2020</b> , 48, 10241-10258	6
263	The Absence of C-5 DNA Methylation in Allows DNA Enrichment from Complex Samples. <b>2020</b> , 8,	4
262	Centromeres under Pressure: Evolutionary Innovation in Conflict with Conserved Function. <b>2020</b> , 11,	9
261	Identification of Genomewide Alternative Splicing Events in Sequential, Isogenic Clinical Isolates of <i>Candida albicans</i> Reveals a Novel Mechanism of Drug Resistance and Tolerance to Cellular Stresses. <b>2020</b> , 5,	2
260	Nuclear Envelope Proteins Modulating the Heterochromatin Formation and Functions in Fission Yeast. <b>2020</b> , 9,	3
259	Genome-scale phylogeny and contrasting modes of genome evolution in the fungal phylum Ascomycota. <b>2020</b> , 6,	24
258	The mechanisms and significance of the positional control of centromeres and telomeres in plants. <b>2020</b> , 133, 471-478	3
257	Resurrection from lethal knockouts: Bypass of gene essentiality. <b>2020</b> , 528, 405-412	1
256	Bistability and oscillations in cooperative microtubule and kinetochore dynamics in the mitotic spindle. <b>2020</b> , 22, 053008	3
255	Genetic investigation of formaldehyde-induced DNA damage response in <i>Schizosaccharomyces pombe</i> . <b>2020</b> , 66, 593-605	8
254	Dramatically diverse <i>Schizosaccharomyces pombe</i> wtf meiotic drivers all display high gamete-killing efficiency. <b>2020</b> , 16, e1008350	15
253	Nuclear envelope attachment of telomeres limits TERRA and telomeric rearrangements in quiescent fission yeast cells. <b>2020</b> , 48, 3029-3041	6
252	Telomeric Transcription and Telomere Rearrangements in Quiescent Cells. <b>2020</b> , 432, 4220-4231	2
251	Nascent Polypeptide-Associated Complex Involved in the Development and Pathogenesis of <i>Fusarium graminearum</i> on Wheat. <b>2020</b> , 6, 546-552	1

250	Metatranscriptomics: an approach for retrieving novel eukaryotic genes from polluted and related environments. <b>2020</b> , 10, 71	16
249	The Catalytic-Dependent and -Independent Roles of Lsd1 and Lsd2 Lysine Demethylases in Heterochromatin Formation in. <b>2020</b> , 9,	2
248	Telomere Formation Systems in Budding and Fission Yeasts. <b>2020</b> ,	
247	Diverse transposable element landscapes in pathogenic and nonpathogenic yeast models: the value of a comparative perspective. <b>2020</b> , 11, 16	4
246	Autophagy-Related Protein MAP1LC3C Plays a Crucial Role in Odontogenic Differentiation of Human Dental Pulp Cells. <b>2021</b> , 18, 265-277	4
245	Calcium signaling is involved in diverse cellular processes in fungi. <b>2020</b> , 12, 10-24	4
244	Experimental evolution of adaptive divergence under varying degrees of gene flow. <b>2021</b> , 5, 338-349	5
243	Bioinformatics Approaches for Fungal Biotechnology. <b>2021</b> , 536-554	
242	Architecture and evolution of subtelomeres in the unicellular green alga <i>Chlamydomonas reinhardtii</i> .	
241	Distribution of methionine sulfoxide reductases in fungi and conservation of the free-methionine-R-sulfoxide reductase in multicellular eukaryotes.	
240	TOR targets an RNA processing network to regulate facultative heterochromatin, developmental gene expression and cell proliferation. <b>2021</b> , 23, 243-256	5
239	Analysis of the SNARE Stx8 recycling reveals that the retromer-sorting motif has undergone evolutionary divergence. <b>2021</b> , 17, e1009463	0
238	Thyroid hormone action in epidermal development and homeostasis and its implications in the pathophysiology of the skin. <b>2021</b> , 44, 1571-1579	12
237	Expression of the cancer-associated DNA polymerase $\Psi$ 286R in fission yeast leads to translesion synthesis polymerase dependent hypermutation and defective DNA replication.	
236	In-depth phylogenomic analysis of arbuscular mycorrhizal fungi based on a comprehensive set of de novo genome assemblies.	
235	Biomechanics of chromosome alignment at the spindle midplane. <b>2021</b> , 31, R574-R585	4
234	The cell cycle and differentiation as integrated processes: Cyclins and CDKs reciprocally regulate Sox and Notch to balance stem cell maintenance. <b>2021</b> , 43, e2000285	2
233	A single mA modification in U6 snRNA diversifies exon sequence at the 5' splice site. <b>2021</b> , 12, 3244	8

- 232 TORC2 inhibition of Arrestin Aly3 mediates cell surface persistence of *S. pombe* Ght5 glucose transporter in low glucose. **2021**, 134, 3
- 231 Distribution of methionine sulfoxide reductases in fungi and conservation of the free-methionine-R-sulfoxide reductase in multicellular eukaryotes. **2021**, 169, 187-215 2
- 230 Affects the Virulence of the Fungal Plant Pathogen. **2021**, 12, 0
- 229 Comprehensive predictions of secondary structures for comparative analysis in different species. **2021**, 213, 107735
- 228 Fission Yeast *Schizosaccharomyces pombe*: A Unicellular "Micromammal" Model Organism. **2021**, 1, e151 4
- 227 Architecture and evolution of subtelomeres in the unicellular green alga *Chlamydomonas reinhardtii*. **2021**, 49, 7571-7587 2
- 226 Rapid and inexpensive preparation of genome-wide nucleosome footprints from model and non-model organisms. **2021**, 2, 100486 0
- 225 *Saccharomyces*: Is a Necessary Organism or a Biological Warrior?.
- 224 Yesprit and Yeaseq: Applications for designing primers and browsing sequences for research using the four *Schizosaccharomyces* species. **2021**, 38, 583-591
- 223 Exomer Is Part of a Hub Where Polarized Secretion and Ionic Stress Connect. **2021**, 12, 708354 0
- 222 R-loops and regulatory changes in chronologically ageing fission yeast cells drive non-random patterns of genome rearrangements. **2021**, 17, e1009784
- 221 Reactivation of transposable elements following hybridization in fission yeast.
- 220 Harnessing model organism genomics to underpin the machine learning-based prediction of essential genes in eukaryotes - Biotechnological implications. **2021**, 107822 0
- 219 Application of omics- and multi-omics-based techniques for natural product target discovery. **2021**, 141, 111833 4
- 218 In-depth Phylogenomic Analysis of Arbuscular Mycorrhizal Fungi Based on a Comprehensive Set of de novo Genome Assemblies. **2021**, 2, 2
- 217 Anaerobic Fungal Mevalonate Pathway Genomic Biases Lead to Heterologous Toxicity Underpredicted by Codon Adaptation Indices. **2021**, 9, 2
- 216 Subtelomeric Chromatin in the Fission Yeast. **2021**, 9, 0
- 215 Complete sequences of *Schizosaccharomyces pombe* subtelomeres reveal multiple patterns of genome variation. **2021**, 12, 611 2

214	as Emerging Model Organism in Fundamental Research. <b>2020</b> , 11, 607028	8
213	The Genomics of Stress Response in Fission Yeast. <b>2006</b> , 97-111	1
212	Yeast functional genomics and metabolic engineering: past, present and future. <b>2003</b> , 331-360	2
211	Epigenetic Silencing of Pericentromeric Heterochromatin by RNA Interference in <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 149-162	1
210	Nucleic Acid and Protein Sample Preparation from Yeasts. <b>2016</b> , 285-305	3
209	Duplication and Transformation of the <i>Schizosaccharomyces pombe</i> Collection of Deletion Strains. <b>2018</b> , 1721, 197-215	1
208	Genetic and Cytological Methods to Study ESCRT Cell Cycle Function in Fission Yeast. <b>2019</b> , 1998, 239-250	1
207	Integrated analysis of microarray results. <b>2007</b> , 382, 429-37	1
206	Genetic analysis of meiotic recombination in <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 557, 65-76	32
205	Systematic cloning of an ORFeome using the Gateway system. <b>2009</b> , 577, 11-24	15
204	Purification of tubulin from the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2011</b> , 777, 29-55	23
203	Deducing intracellular distributions of metabolic pathways from genomic data. <b>2014</b> , 1083, 187-211	11
202	The pre-mRNA splicing reaction. <b>2014</b> , 1126, 3-12	3
201	Pre-mRNA Splicing and the Spliceosome: Assembly, Catalysis, and Fidelity. <b>2014</b> , 27-57	1
200	Sexual Communication in Archaea, the Precursor to Eukaryotic Meiosis. <b>2017</b> , 103-117	1
199	RNAi-mediated chromatin silencing in fission yeast. <b>2008</b> , 320, 157-83	47
198	Chromatin proteins are determinants of centromere function. <b>2003</b> , 274, 23-52	19
197	Electrophoretic Karyotyping. <b>2004</b> , 53-70	1

196	Centromere and Kinetochore Structure and Function. <b>2004</b> , 149-169	3
195	Initiation of Meiosis. <b>2004</b> , 297-309	33
194	The Genome and Beyond. <b>2004</b> , 13-25	4
193	DNA Replication in <i>S. pombe</i> . <b>2004</b> , 73-99	5
192	Genetic approaches to aging in budding and fission yeasts: new connections and new opportunities. <b>2012</b> , 57, 291-314	8
191	The C- and G-value paradox with polyploidy, repeatomes, introns, phenomes and cell economy. <b>2020</b> , 42, 699-714	6
190	Genome-wide distribution of DNA replication origins at A+T-rich islands in <i>Schizosaccharomyces pombe</i> . <b>2003</b> , 4, 1048-1053	85
189	Nonrandom homolog segregation at meiosis I in <i>Schizosaccharomyces pombe</i> mutants lacking recombination. <b>2003</b> , 163, 857-74	61
188	Repair of damaged and mismatched DNA by the XPC homologues Rhp41 and Rhp42 of fission yeast. <b>2003</b> , 164, 457-67	11
187	Fission yeast Mus81.Eme1 Holliday junction resolvase is required for meiotic crossing over but not for gene conversion. <b>2003</b> , 165, 2289-93	96
186	'New uses for an Old Enzyme'--the Old Yellow Enzyme family of flavoenzymes. <b>2002</b> , 148, 1607-1614	216
185	Transient structural variations have strong effects on quantitative traits and reproductive isolation in fission yeast.	1
184	OmicsDB::Pathogens - A database for exploring functional networks of plant pathogens.	1
183	Genome-scale phylogeny and contrasting modes of genome evolution in the fungal phylum Ascomycota.	4
182	The absence of C-5 DNA methylation in <i>Leishmania donovani</i> allows DNA enrichment from complex samples.	1
181	Rapid and Inexpensive Preparation of Genome-Wide Nucleosome Footprints from Model and Non-Model Organisms.	1
180	Trilogies of histone lysine methylation as epigenetic landmarks of the eukaryotic genome. <b>2004</b> , 69, 209-18	61
179	<i>Sorangium cellulosum</i> . 329-348	2

178	Carbon metabolism. <b>2004</b> , 42-103	11
177	A novel gene family controls species-specific morphological traits in Hydra. <b>2008</b> , 6, e278	70
176	Swi1Timeless Prevents Repeat Instability at Fission Yeast Telomeres. <b>2016</b> , 12, e1005943	15
175	The intron in centromeric noncoding RNA facilitates RNAi-mediated formation of heterochromatin. <b>2017</b> , 13, e1006606	8
174	Two separate pathways regulate protein stability of ATM/ATR-related protein kinases Mec1 and Tel1 in budding yeast. <b>2017</b> , 13, e1006873	7
173	Global profiling of DNA replication timing and efficiency reveals that efficient replication/firing occurs late during S-phase in <i>S. pombe</i> . <b>2007</b> , 2, e722	20
172	Evidence for a minimal eukaryotic phosphoproteome?. <b>2007</b> , 2, e777	38
171	Comparative genome analysis of filamentous fungi reveals gene family expansions associated with fungal pathogenesis. <b>2008</b> , 3, e2300	140
170	Genome-wide identification of molecular mimicry candidates in parasites. <b>2011</b> , 6, e17546	29
169	N-termini of fungal CSL transcription factors are disordered, enriched in regulatory motifs and inhibit DNA binding in fission yeast. <b>2011</b> , 6, e23650	8
168	Comparative analysis of serine/arginine-rich proteins across 27 eukaryotes: insights into sub-family classification and extent of alternative splicing. <b>2011</b> , 6, e24542	46
167	The fission yeast GATA factor, Gaf1, modulates sexual development via direct down-regulation of ste11+ expression in response to nitrogen starvation. <b>2012</b> , 7, e42409	13
166	Klf1, a C2H2 zinc finger-transcription factor, is required for cell wall maintenance during long-term quiescence in differentiated G0 phase. <b>2013</b> , 8, e78545	14
165	DNA sequences at a glance. <b>2013</b> , 8, e79922	11
164	Single site suppressors of a fission yeast temperature-sensitive mutant in <i>cdc48</i> identified by whole genome sequencing. <b>2015</b> , 10, e0117779	6
163	Comparative 3D genome structure analysis of the fission and the budding yeast. <b>2015</b> , 10, e0119672	16
162	Evolution of the SH3 Domain Specificity Landscape in Yeasts. <b>2015</b> , 10, e0129229	6
161	Genetic Interactions between the Members of the SMN-Gemins Complex in <i>Drosophila</i> . <b>2015</b> , 10, e0130974	15

160	Pyruvate kinase variant of fission yeast tunes carbon metabolism, cell regulation, growth and stress resistance. <b>2020</b> , 16, e9270	11
159	Yeast and its uses.. <b>2012</b> , 58, 326-335	2
158	Involvement of Dcr1 in post-transcriptional regulation of gene expression in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 13, 2203-15	7
157	Biofuel Production: A Promising Alternative Energy for Environmental Cleanup and Fuelling Through Renewable Resources. <b>2008</b> , 8, 693-701	10
156	Length-Weight Relationship and Growth Pattern of <i>Sepioteuthis lessoniana</i> Lesson 1830 (Cephalopoda:Teuthida) from the Jaffna Lagoon, Sri Lanka. <b>2009</b> , 9, 357-361	9
155	Galactose-Specific Recognition System in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <b>2012</b> , 24, 24-42	2
154	Proteomic Differences between Azole-Susceptible and -Resistant <i>Aspergillus fumigatus</i> Strains. <b>2018</b> , 08, 77-99	4
153	A Review of Genome Sequencing in the Largest Cereal Genome, <i>Triticum aestivum</i> L.. <b>2017</b> , 08, 194-207	1
152	Yeast as a touchstone in post-genomic research: strategies for integrative analysis in functional genomics. <b>2004</b> , 37, 93-106	46
151	Mutation Analysis of Synthetic DNA Barcodes in a Fission Yeast Gene Deletion Library by Sanger Sequencing. <b>2018</b> , 16, 22-29	2
150	Statistical analysis of pentose phosphate pathway genes from eubacteria and eukarya reveals translational selection as a major force in shaping codon usage pattern. <b>2013</b> , 9, 349-56	1
149	A histone H3K9M mutation traps histone methyltransferase Clr4 to prevent heterochromatin spreading. <b>2016</b> , 5,	26
148	A large gene family in fission yeast encodes spore killers that subvert Mendel's law. <b>2017</b> , 6,	50
147	Distinct 'safe zones' at the nuclear envelope ensure robust replication of heterochromatic chromosome regions. <b>2018</b> , 7,	13
146	Large domains of heterochromatin direct the formation of short mitotic chromosome loops. <b>2020</b> , 9,	6
145	Characterisation of <i>Schizosaccharomyces pombe</i> ß-tinin. <b>2016</b> , 4, e1858	6
144	An automated and combinative method for the predictive ranking of candidate effector proteins of fungal plant pathogens. <b>2021</b> , 11, 19731	6
143	Balance of osmotic pressures determines the volume of the cell nucleus.	0



142 Genome Comparisons of the Fission Yeasts Reveal Ancient Collinear Loci Maintained by Natural Selection. **2021**, 7,

141 Sulfide-quinone oxidoreductase is required for cysteine synthesis and indispensable to mitochondrial health. **2021**, 47, 102169

3

140 Biochemical Genetics. **2001**, 1473-1527

139 Fission statement. *Nature*,

50.4

138 Literatur. **2002**, 258-266

137 Proteomics of *Magnaporthe Grisea*: Liquid Chromatography Mass Spectrometry for the Identification of Extracellular Proteins. **2004**, 39-46

136 Trilogies of Histone Lysine Methylation as Epigenetic Landmarks of the Eukaryotic Genome. **2004**, 69, 1-10

135 RNA Polymerases and Accessory Factors. **2004**, 329-342

134 Genomics of Filamentous Fungi. **2004**, 15-29

133 *Schizosaccharomyces pombe* (Fission Yeast).

132 . **2005**,

131 Data Mining for Expressivity of Recombinant Protein Expression. **2006**, 21, 9-19

130 Mycorrhizal Development and Cytoskeleton. **2008**, 293-329

129 Dual-specificity kinase. **2009**, 372-391

128 Cyclin-dependent kinase. **2009**, 156-219

127 Polo kinase. **2009**, 134-155

126 Ca<sup>2+</sup>/Calmodulin-dependent protein kinase. **2009**, 1-53

125 Mitogen-activated protein kinase. **2009**, 233-277

124 Mitogen-activated protein kinase kinase kinase. **2009**, 278-302

123 Non-specific serine/threonine protein kinase. **2009**, 1-123

122 tau-Protein kinase. **2009**, 303-325

121 Mitogen-activated protein kinase kinase. **2009**, 392-413

120 2 Wat is metabolisme?. **2010**, 41-76

119 Fungal Genetics: A Post-Genomic Perspective. 95-123

1

118 Leucyl Aminopeptidase yspII (Yeast). **2013**, 1476-1480

117 Genomics of Subtelomeres: Technical Problems, Solutions and the Future. **2014**, 259-271

116 Insights into Metabolism and the Galactose Recognition System from Microarray Analysis in the Fission Yeast *Schizosaccharomyces pombe*. **2014**, 109-118

115 Regulation of Pericentric Heterochromatin by ncRNA in *Schizosaccharomyces pombe*. **2014**, 315-345

114 Minimum Genome Factories in *Schizosaccharomyces pombe*. **2014**, 17-24

113 Comparative Genomics and Evolutionary Genetics of Yeast Carbon Metabolism. **2014**, 97-120

112 Genomic Perspectives on the Fungal Kingdom. 657-666

111 Studying Fungal Virulence by Using Genomics. 589-P1

110 References. 275-359

109 Comparative Genomics of *Candida* Species. 27-43

108 Wat is metabolisme?. **2015**, 41-76

107 Centromeres of the yeast *Komagataella phaffii* (*Pichia pastoris*) have a simple inverted-repeat structure.

106	Detection and characterization of low and high genome coverage regions using an efficient running median and a double threshold approach.	2
105	New genes and functional innovation in mammals.	1
104	A heterochromatin domain forms gradually at a new telomere and is highly dynamic at stable telomeres.	
103	A non-genetic meiotic repair program inferred from spore survival values in fission yeast wild isolates: a clue for an epigenetic ratchet-like model of ageing?.	
102	AYBRAH: a curated ortholog database for yeasts and fungi spanning 600 million years of evolution.	
101	Uncovering Natural Longevity Alleles from Intercrossed Pools of Aging Fission Yeast Cells.	0
100	Fitness Landscape of the Fission Yeast Genome.	
99	The essential genome of the crenarchaeal model <i>Sulfolobus islandicus</i> .	1
98	Killer meiotic drive and dynamic evolution of the <i>wtf</i> gene family.	0
97	The transcriptome-wide landscape and modalities of EJC binding in adult <i>Drosophila</i> .	0
96	Torsional turning motion of chromosomes as an accelerating force to align homologous chromosomes during meiosis.	
95	R-loops and regulatory changes in chronologically ageing fission yeast cells drive non-random patterns of genome rearrangements.	
94	Intraspecific diversity of fission yeast mitochondrial genomes.	
93	Set1/COMPASS repels heterochromatin invasion at euchromatic sites by disrupting Suv39/Clr4 activity and nucleosome stability.	
92	Dramatically diverse <i>S. pombe</i> <i>wtf</i> meiotic drivers all display high gamete-killing efficiency.	0
91	Comparing the utility of in vivo transposon mutagenesis approaches in yeast species to infer gene essentiality.	0
90	A natural variant of the sole pyruvate kinase of fission yeast lowers glycolytic flux triggering increased respiration and oxidative-stress resistance but decreased growth.	0
89	Microtubule Nucleation Promoters Mto1 and Mto2 Regulate Cytokinesis in Fission Yeast.	

- 88 Reduction of the *Saccharomyces cerevisiae* Genome: Challenges and Perspectives. **2020**, 117-139 1
- 87 *Saccharomyces cerevisiae* as Model Organism to Study Biological Activities of Nanoparticles. **2020**, 101-115 1
- 86 Measurement of the torque in braided DNAs using a thermodynamic Maxwell relation.
- 85 The conserved elongation factor Spn1 is required for normal transcription, histone modifications, and splicing in *Saccharomyces cerevisiae*.
- 84 Intron distribution and emerging role of alternative splicing in fungi. **2021**, 368, 1
- 83 Assays to Study Mitotic Recombination Outcomes. **2020**, 11, O
- 82 Complete sequences of *Schizosaccharomyces pombe* subtelomeres reveal multiple patterns of genome variation.
- 81 Pomegranate: 2D segmentation and 3D reconstruction for fission yeast and other radially symmetric cells. 1
- 80 Molecular Genetic Approach to Identify Inhibitors of Signal Transduction Pathways. **2008**, 439-443 O
- 79 Protein kinase (dual specificity kinase). **2007**, 497-505
- 78 Phosphatidylinositol 3-kinase. **2007**, 170-191
- 77 Protein kinase (CaMK, MLCK, PhK, SNF, KIN, NIM1, MAPKAP, POLO, CHK, ULK, RSK-2nd domain). **2007**, 489-528
- 76 Protein kinase (CDK/MAK). **2007**, 529-551
- 75 Protein kinase (CK1). **2007**, 552-560
- 74 Protein kinase (CK2). **2007**, 561-566
- 73 Protein kinase (dual specificity kinase). **2007**, 567-575
- 72 Protein kinase (GSK-3). **2007**, 582-588
- 71 Protein kinase (MEK, PAK, MEKK). **2007**, 615-636

- 70 Protein kinase (various). **2007**, 662-687
- 69 Comparative Genomics and Evolutionary Genetics of Yeast Carbon Metabolism. **2014**, 97-120 o
- 68 Transcript-specific determinants of pre-mRNA splicing revealed through in vivo kinetic analyses of the 1st and 2nd chemical steps.
- 67 PROTEIN L-ISOASPARTYL METHYLTRANSFERASE (PIMT) in plants: regulations and functions. **2020**, 477, 4453-4471 3
- 66 Experimental evolution of adaptive divergence under varying degrees of gene flow. 1
- 65 Essential histone chaperones collaborate to regulate transcription and chromatin integrity.
- 64 Molecular Mechanisms and Evolutionary Consequences of Spore Killers in Ascomycetes. **2021**, e0001621 3
- 63 Segregating Complete Tf2 Elements Are Largely Neutral in Fission Yeast. **2021**, 13,
- 62 Transposon Extermination Reveals Their Adaptive Fitness Contribution. o
- 61 Evolution of the Early Spliceosomal Complex-From Constitutive to Regulated Splicing. **2021**, 22, 1
- 60 The Metaxin Mitochondrial Import Proteins: Multiple Metaxin-like Proteins in Fungi. o
- 59 The search for Schizosaccharomyces fission yeasts in environmental meta-transcriptomes.. **2021**,
- 58 In Silico Predictions of Ecological Plasticity Mediated by Protein Family Expansions in Early-Diverging Fungi.. **2022**, 8, o
- 57 Genomic Characterization of the Titan-like Cell Producing , the First Novel Eukaryote Isolated from the International Space Station.. **2022**, 8, o
- 56 Prediction of serine phosphorylation sites mapping on Schizosaccharomyces Pombe by fusing three encoding schemes with the random forest classifier.. **2022**, 12, 2632 o
- 55 Nematode chromosomes.. **2022**, 2
- 54 Deletion of can1/cat1 genes and expression of a dominant any1 mutation establish an effective canavanine selection in fission yeast.
- 53 Genetics Matters: Voyaging from the Past into the Future of Humanity and Sustainability.. **2022**, 23, o

- 52 Phenotypic Characterization and Comparative Genomics of the Melanin-Producing Yeast Reveals a Distinct Stress Tolerance Profile and Reduced Ribosomal Genetic Content.. **2021**, 7, ○
- 51 CUT&RUN Identifies Centromeric DNA Regions of *Rhodotorula toruloides* IFO0880.. **2021**, ○
- 50 Reactivation of transposable elements following hybridization in fission yeast.. **2021**, 2
- 49 Differential Gene Expression of under Aerobic and Anaerobic Conditions.. **2022**, 8, ○
- 48 Isolated THATCH domain of End4 is unable to bind F-actin independently in the fission yeast .. **2022**, 2022,
- 47 RNA Interference (RNAi) as a Tool for High-Resolution Phenotypic Screening of the Pathogenic Yeast *Candida glabrata*.. **2022**, 2477, 313-330
- 46 Balance of osmotic pressures determines the nuclear-to-cytoplasmic volume ratio of the cell.. **2022**, 119, e2118301119 ○
- 45 Characterization of canavanine-resistance of *cat1* and *vhc1* deletions and a dominant *any1* mutation in fission yeast. **2022**, 17, e0269276 ○
- 44 Native RNA sequencing in fission yeast reveals frequent alternative splicing isoforms. **2022**, 32, 1215-1227 ○
- 43 Contribution of Model Organisms to Investigating the Far-Reaching Consequences of PRPP Metabolism on Human Health and Well-Being. **2022**, 11, 1909
- 42 Perturbed fatty-acid metabolism is linked to localized chromatin hyperacetylation, increased stress-response gene expression and resistance to oxidative stress.
- 41 Divergent evolution of early terrestrial fungi reveals the evolution of Mucormycosis pathogenicity factors.
- 40 The *wtf* meiotic driver gene family has unexpectedly persisted for over 100 million years.
- 39 A multiplexed, three-dimensional pooling and next-generation sequencing strategy for creating barcoded mutant arrays: construction of a *Schizosaccharomyces pombe* transposon insertion library.
- 38 Transcript-specific determinants of pre-mRNA splicing revealed through in vivo kinetic analyses of the 1st and 2nd chemical steps. **2022**, ○
- 37 Yeast Genomics and Its Applications in Biotechnological Processes: What Is Our Present and Near Future?. **2022**, 8, 752 1
- 36 Fungal resilience and host-pathogen interactions: Future perspectives and opportunities.
- 35 Single-chromosome fission yeast models reveal the configuration robustness of a functional genome. **2022**, 40, 111237 ○

- 34 Metabolic engineering of *Schizosaccharomyces pombe* for itaconic acid production. **2022**, 358, 111-117 1
- 33 Detecting Cell Cycle Stage and Progression in Fission Yeast, *Schizosaccharomyces pombe*. **2022**, 235-246 o
- 32 Meiotic crossover interference: Methods of analysis and mechanisms of action. **2022**, o
- 31 Cell Cycle Synchrony Methods for Fission Yeast, *Schizosaccharomyces pombe*. **2022**, 169-179 o
- 30 Witches broom disease of birch. **2023**, 121-136 o
- 29 Interpreting alignment-free sequence comparison: what makes a score a good score?. **2022**, 4, o
- 28 SAGA histone acetyltransferase module facilitates chromatin accessibility to SMC5/6. o
- 27 Fission yeast Ish1 and Les1 interact with each other in the lumen of the nuclear envelope. o
- 26 The wtf meiotic driver gene family has unexpectedly persisted for over 100 million years. 11, 1
- 25 Altered cohesin dynamics and histone H3K9 modifications contribute to mitotic defects in the *cbf11* lipid metabolism mutant. o
- 24 Epigenetic Regulation of Fungal Genes Involved in Plant Colonization. **2023**, 255-281 o
- 23 A high-quality reference genome for the fission yeast *Schizosaccharomyces osmophilus*. o
- 22 An ESCRT grommet cooperates with a diffusion barrier to maintain nuclear integrity. o
- 21 Chromatin localization of nucleophosmin organizes ribosome biogenesis. **2022**, 82, 4443-4457.e9 o
- 20 Chromosome arm length, and a species-specific determinant, define chromosome arm width. **2022**, 41, 111753 o
- 19 Myco- and phyco-remediation of polychlorinated biphenyls in the environment: a review. o
- 18 Remarkably high rate of meiotic recombination in the fission yeast *Schizosaccharomyces pombe*. o
- 17 Perturbed fatty-acid metabolism is linked to localized chromatin hyperacetylation, increased stress-response gene expression and resistance to oxidative stress. **2023**, 19, e1010582 o

- 16 Silver nanoparticles elevate mutagenesis of eukaryotic genomes. ○
- 15 The genome of *Lyophyllum shimeji* provides insight into the initial evolution of ectomycorrhizal fungal genomes. ○
- 14 Do mitochondria use efflux pumps to protect their ribosomes from antibiotics?. **2023**, 169, ○
- 13 Yeast Cell Factory for Production of Biomolecules. **2023**, 211-251 ○
- 12 Neutral models of de novo gene emergence suggest that gene evolution has a preferred trajectory. ○
- 11 Neutral models of de novo gene emergence suggest that gene evolution has a preferred trajectory. ○
- 10 Comparative Research: Regulatory Mechanisms of Ribosomal Gene Transcription in *Saccharomyces cerevisiae* and *Schizosaccharomyces pombe*. **2023**, 13, 288 ○
- 9 A high-quality reference genome for the fission yeast *Schizosaccharomyces osmophilus*. **2023**, 13, ○
- 8 Conservation and Expansion of Transcriptional Factor Repertoire in the *Fusarium oxysporum* Species Complex. ○
- 7 Cryo-EM structure and function of *S. pombe* complex IV with bound respiratory supercomplex factor. **2023**, 6, ○
- 6 The SAGA histone acetyltransferase module targets SMC5/6 to specific genes. **2023**, 16, ○
- 5 Regulation of Pre-mRNA Splicing: Indispensable Role of Post-Translational Modifications of Splicing Factors. **2023**, 13, 604 ○
- 4 Uracil Repair - A Source of DNA Glycosylase Dependent Genome Instability. ○
- 3 Conservation and Expansion of Transcriptional Factor Repertoire in the *Fusarium oxysporum* Species Complex. **2023**, 9, 359 ○
- 2 Interaction hub critical for telomerase recruitment and primer-template handling for catalysis. **2023**, 6, e202201727 ○
- 1 Broad functional profiling of fission yeast proteins using phenomics and machine learning. ○