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Molecular genetic analysis of fission yeast  
*Schizosaccharomyces pombe*

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2275	Complementation of the mitotic activator, p80cdc25, by a human protein-tyrosine phosphatase. <b>1990</b> , 250, 1573-6		177
2274	A fission yeast B-type cyclin functioning early in the cell cycle. <b>1991</b> , 66, 149-59		91
2273	p68 RNA helicase: identification of a nucleolar form and cloning of related genes containing a conserved intron in yeasts. <b>1991</b> , 11, 1326-33		125
2272	Fission yeast p107wee1 mitotic inhibitor is a tyrosine/serine kinase. <b>1991</b> , 349, 808-11		338
2271	The ste4+ gene, essential for sexual differentiation of Schizosaccharomyces pombe, encodes a protein with a leucine zipper motif. <b>1991</b> , 19, 7043-7		35
2270	Alignment of Sfi I sites with the Not I restriction map of Schizosaccharomyces pombe genome. <b>1991</b> , 19, 6289-94		29
2269	Detection and characterization of a ring chromosome in the fission yeast Schizosaccharomyces pombe. <b>1992</b> , 20, 5943-5		10
2268	Chromosome condensation caused by loss of RCC1 function requires the cdc25C protein that is located in the cytoplasm. <b>1992</b> , 3, 1373-88		72
2267	Fission yeast cdc21+ belongs to a family of proteins involved in an early step of chromosome replication. <b>1992</b> , 20, 5571-7		122
2266	A mouse cdc25 homolog is differentially and developmentally expressed. <b>1992</b> , 6, 578-90		61
2265	Functional dissection of the phosphorylated termini of fission yeast DNA topoisomerase II. <b>1992</b> , 119, 1023-36		92
2264	Fission yeast pap1-dependent transcription is negatively regulated by an essential nuclear protein, crm1. <b>1992</b> , 12, 5474-84		103
2263	Fission yeast sts1+ gene encodes a protein similar to the chicken lamin B receptor and is implicated in pleiotropic drug-sensitivity, divalent cation-sensitivity, and osmoregulation. <b>1992</b> , 3, 263-73		28
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2215	Telomere-led premeiotic chromosome movement in fission yeast. <b>1994</b> , 264, 270-3	425
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2111	A K-252a-resistance gene, <i>sks1+</i> , encodes a protein similar to the <i>Caenorhabditis elegans</i> F37 A4.5 gene product and confers multidrug resistance in <i>Schizosaccharomyces pombe</i> . <b>1995</b> , 161, 93-6	10
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2109	p25rum1 orders S phase and mitosis by acting as an inhibitor of the p34cdc2 mitotic kinase. <b>1995</b> , 83, 1001-9	182
2108	The <i>S. pombe</i> <i>cdc15</i> gene is a key element in the reorganization of F-actin at mitosis. <b>1995</b> , 82, 435-44	229
2107	<i>Schizosaccharomyces pombe</i> : a model for molecular studies of eukaryotic genes. <b>1995</b> , 14, 359-71	75
2106	Mapping regions of G alpha q interacting with PLC beta 1 using multiple overlapping synthetic peptides. <b>1995</b> , 364, 45-50	25
2105	Yeast and mammalian replication intermediates migrate similarly in two-dimensional gels. <b>1995</b> , 104, 92-102	18
2104	Isolation of an HSP12-homologous gene of <i>Schizosaccharomyces pombe</i> suppressing a temperature-sensitive mutant allele of <i>cdc4</i> . <b>1996</b> , 172, 125-9	10
2103	Construction of vectors and a genomic library for use with <i>his3</i> -deficient strains of <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 174, 315-8	42
2102	Cloning of the gene encoding the mitochondrial adenine nucleotide carrier of <i>Schizosaccharomyces pombe</i> by functional complementation in <i>Saccharomyces cerevisiae</i> . <b>1996</b> , 171, 113-7	12
2101	Stress signal, mediated by a Hog1-like MAP kinase, controls sexual development in fission yeast. <b>1996</b> , 378, 207-12	135
2100	<i>Schizosaccharomyces pombe</i> possesses an unusual and a conventional hexokinase: biochemical and molecular characterization of both hexokinases. <b>1996</b> , 378, 185-9	23
2099	Characterisation of human <i>cdc2</i> lysine 33 mutations expressed in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 379, 217-21	4
2098	An actin point-mutation neighboring the 'hydrophobic plug' causes defects in the maintenance of cell polarity and septum organization in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 392, 237-41	48
2097	pH sensitivity of <i>Schizosaccharomyces pombe</i> : Effect on the cellular phenotype associated with <i>lacZ</i> gene expression. <b>1996</b> , 29, 457-461	1

2096	Chromosomal inheritance of epigenetic states in fission yeast during mitosis and meiosis. <b>1996</b> , 86, 95-101	209
2095	Purification and characterization of urease from schizosaccharomyces pombe. <b>1996</b> , 42, 132-40	42
2094	Microtubules mediate mitochondrial distribution in fission yeast. <b>1996</b> , 93, 11664-8	144
2093	Perturbations in the spi1p GTPase cycle of Schizosaccharomyces pombe through its GTPase-activating protein and guanine nucleotide exchange factor components result in similar phenotypic consequences. <b>1996</b> , 16, 6352-62	34
2092	Cig2, a B-type cyclin, promotes the onset of S in Schizosaccharomyces pombe. <b>1996</b> , 16, 1527-33	98
2091	Fission yeast mal2+ is required for chromosome segregation. <b>1996</b> , 16, 6169-77	25
2090	Identification of Ste4 as a potential regulator of Byr2 in the sexual response pathway of Schizosaccharomyces pombe. <b>1996</b> , 16, 5597-603	64
2089	An unusual mechanism of self-primed reverse transcription requires the RNase H domain of reverse transcriptase to cleave an RNA duplex. <b>1996</b> , 16, 5645-54	53
2088	Schizosaccharomyces pombe map1+ encodes a MADS-box-family protein required for cell-type-specific gene expression. <b>1996</b> , 16, 3420-8	31
2087	The retrotransposon Tf1 assembles virus-like particles that contain excess Gag relative to integrase because of a regulated degradation process. <b>1996</b> , 16, 338-46	48
2086	Schizosaccharomyces pombe skp1+ encodes a protein kinase related to mammalian glycogen synthase kinase 3 and complements a cdc14 cytokinesis mutant. <b>1996</b> , 16, 179-91	44
2085	Activation and regulation of the Spc1 stress-activated protein kinase in Schizosaccharomyces pombe. <b>1996</b> , 16, 2870-7	269
2084	cdc18+ regulates initiation of DNA replication in Schizosaccharomyces pombe. <b>1996</b> , 93, 1566-70	119
2083	Direct induction of homozygous diploidization in the fission yeast Schizosaccharomyces pombe by pressure stress. <b>1996</b> , 95-100	
2082	p34cdc2 kinase activity is maintained upon activation of the replication checkpoint in Schizosaccharomyces pombe. <b>1996</b> , 93, 8278-83	17
2081	Identification of fission yeast nuclear markers using random polypeptide fusions with green fluorescent protein. <b>1996</b> , 93, 15146-51	70
2080	The genetics of the repair of 5-azacytidine-mediated DNA damage in the fission yeast Schizosaccharomyces pombe. <b>1996</b> , 251, 483-92	5
2079	Identification of the DNA damage-responsive elements of the rhp51+ gene, a recA and RAD51 homolog from the fission yeast Schizosaccharomyces pombe. <b>1996</b> , 251, 167-75	12

2078	Cloning by functional complementation, and inactivation, of the <i>Schizosaccharomyces pombe</i> homologue of the <i>Saccharomyces cerevisiae</i> gene ABC1. <b>1996</b> , 251, 204-10	13
2077	The G protein beta subunit Gpb1 of <i>Schizosaccharomyces pombe</i> is a negative regulator of sexual development. <b>1996</b> , 252, 20-32	30
2076	Novel alleles of <i>cdc13</i> and <i>cdc2</i> isolated as suppressors of mitotic catastrophe in <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 251, 635-46	7
2075	Caffeine-resistance in fission yeast is caused by mutations in a single essential gene, <i>crm1+</i> . <b>1996</b> , 250, 59-68	19
2074	Large, complex modular structure of a fission yeast DNA replication origin. <b>1996</b> , 6, 467-73	98
2073	Cell biology: alternatives to baker's yeast. <b>1996</b> , 6, 1570-2	25
2072	Isolation and characterization of the <i>Schizosaccharomyces pombe</i> gene encoding transcript elongation factor TFIIIS. <b>1996</b> , 12, 227-236	15
2071	Isolation and characterization of <i>Schizosaccharomyces pombe</i> fragile mutants. <b>1996</b> , 12, 555-564	3
2070	Molecular, functional and evolutionary characterization of the gene encoding HMG-CoA reductase in the fission yeast, <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 12, 1107-1124	26
2069	Mutational analysis of the gene for <i>Schizosaccharomyces pombe</i> RNase MRP RNA, <i>mrp1</i> , using plasmid shuffle by counterselection on canavanine. <b>1996</b> , 12, 1393-1405	7
2068	Direct induction of homozygous diploidization in the fission yeast <i>Schizosaccharomyces pombe</i> by pressure stress. <b>1996</b> , 136, 257-262	3
2067	A functional screen in yeast for regulators and antagonizers of heterologous protein tyrosine kinases. <b>1996</b> , 14, 600-5	25
2066	Role for a <i>Xenopus</i> Orc2-related protein in controlling DNA replication. <b>1996</b> , 379, 357-60	186
2065	A new group of conserved coactivators that increase the specificity of AP-1 transcription factors. <b>1996</b> , 383, 453-7	401
2064	The <i>dmf1/mid1</i> gene is essential for correct positioning of the division septum in fission yeast. <b>1996</b> , 10, 2707-19	221
2063	Spatial organization of the Nim1-Wee1-Cdc2 mitotic control network in <i>Schizosaccharomyces pombe</i> . <b>1996</b> , 7, 1749-58	35
2062	<i>Schizosaccharomyces pombe</i> proliferating cell nuclear antigen mutations affect DNA polymerase delta processivity. <b>1996</b> , 271, 15971-80	34
2061	Xe-p9, a <i>Xenopus</i> Suc1/Cks homolog, has multiple essential roles in cell cycle control. <b>1996</b> , 10, 1503-15	70

2060	Distinct classes of cdc2-related genes are differentially expressed during the cell division cycle in plants. <b>1996</b> , 8, 1465-76	113
2059	Domains determining the functional distinction of the fission yeast cell cycle "start" molecules Res1 and Res2. <b>1996</b> , 7, 1967-76	13
2058	Fission yeast pkl1 is a kinesin-related protein involved in mitotic spindle function. <b>1996</b> , 7, 1639-55	92
2057	The Atf1 transcription factor is a target for the Sty1 stress-activated MAP kinase pathway in fission yeast. <b>1996</b> , 10, 2289-301	286
2056	The ORC1 homolog orp1 in fission yeast plays a key role in regulating onset of S phase. <b>1996</b> , 10, 2644-54	96
2055	Characterization of novel mutations at the Schizosaccharomyces pombe cdc2 regulatory phosphorylation site, tyrosine 15. <b>1996</b> , 7, 1573-86	5
2054	Heterologous expression of the human cyclin-dependent kinase inhibitor p21Cip1 in the fission yeast, Schizosaccharomyces pombe reveals a role for PCNA in the chk1+ cell cycle checkpoint pathway. <b>1996</b> , 7, 651-62	29
2053	Rum1 and Cdc18 link inhibition of cyclin-dependent kinase to the initiation of DNA replication in Schizosaccharomyces pombe. <b>1996</b> , 10, 541-52	81
2052	The gamma subfamily of DNA polymerases: cloning of a developmentally regulated cDNA encoding Xenopus laevis mitochondrial DNA polymerase gamma. <b>1996</b> , 24, 1481-8	39
2051	Characterization of a nuclear protein conferring brefeldin A resistance in Schizosaccharomyces pombe. <b>1996</b> , 271, 9166-71	21
2050	Fission yeast genes which disrupt mitotic chromosome segregation when overexpressed. <b>1996</b> , 24, 4676-83	54
2049	A novel suppressor of ras1 in fission yeast, byr4, is a dosage-dependent inhibitor of cytokinesis. <b>1996</b> , 133, 1307-19	86
2048	Disruption of re-replication control by overexpression of human ORC1 in fission yeast. <b>1996</b> , 271, 32503-6	13
2047	Mcs4 mitotic catastrophe suppressor regulates the fission yeast cell cycle through the Wik1-Wis1-Spc1 kinase cascade. <b>1997</b> , 8, 409-19	113
2046	Bax- and Bak-induced cell death in the fission yeast Schizosaccharomyces pombe. <b>1997</b> , 8, 325-39	155
2045	A centromere DNA-binding protein from fission yeast affects chromosome segregation and has homology to human CENP-B. <b>1997</b> , 136, 487-500	51
2044	Mts4, a non-ATPase subunit of the 26 S protease in fission yeast is essential for mitosis and interacts directly with the ATPase subunit Mts2. <b>1997</b> , 272, 25768-77	39
2043	An immunoaffinity purified Schizosaccharomyces pombe TBP-containing complex directs correct initiation of the S.pombe rRNA gene promoter. <b>1997</b> , 25, 1633-40	9

2042	A complex structure in the mRNA of Tf1 is recognized and cleaved to generate the primer of reverse transcription. <b>1997</b> , 11, 270-85	40
2041	Activated levels of rRNA synthesis in fission yeast are driven by an intergenic rDNA region positioned over 2500 nucleotides upstream of the initiation site. <b>1997</b> , 25, 659-67	15
2040	Mal3, the fission yeast homologue of the human APC-interacting protein EB-1 is required for microtubule integrity and the maintenance of cell form. <b>1997</b> , 139, 717-28	188
2039	Functional analysis of the fission yeast Prp4 protein kinase involved in pre-mRNA splicing and isolation of a putative mammalian homologue. <b>1997</b> , 25, 1028-35	61
2038	Isolation of nuclei for chromatin analysis in fission yeast. <b>1997</b> , 25, 4700-1	8
2037	The Mcs4 response regulator coordinately controls the stress-activated Wak1-Wis1-Sty1 MAP kinase pathway and fission yeast cell cycle. <b>1997</b> , 11, 1008-22	137
2036	Ran1 functions to control the Cdc10/Sct1 complex through Puc1. <b>1997</b> , 8, 1117-28	6
2035	A WD repeat protein controls the cell cycle and differentiation by negatively regulating Cdc2/B-type cyclin complexes. <b>1997</b> , 8, 2475-86	90
2034	Sce3, a suppressor of the Schizosaccharomyces pombe septation mutant cdc11, encodes a putative RNA-binding protein. <b>1997</b> , 25, 3433-9	12
2033	Isolation and molecular characterization of mRNA transport mutants in Schizosaccharomyces pombe. <b>1997</b> , 8, 825-41	35
2032	The Cdc2 protein kinase controls Cdc10/Sct1 complex formation. <b>1997</b> , 8, 1105-15	12
2031	The Spg1p GTPase is an essential, dosage-dependent inducer of septum formation in Schizosaccharomyces pombe. <b>1997</b> , 11, 1519-34	169
2030	Cdc2 tyrosine phosphorylation is required for the DNA damage checkpoint in fission yeast. <b>1997</b> , 11, 504-11	210
2029	Isolation and characterization of the Schizosaccharomyces pombe rhp9 gene: a gene required for the DNA damage checkpoint but not the replication checkpoint. <b>1997</b> , 25, 2138-46	87
2028	An oxidase-permease-based iron transport system in Schizosaccharomyces pombe and its expression in Saccharomyces cerevisiae. <b>1997</b> , 272, 401-5	117
2027	Pch1(+), a second essential C-type cyclin gene in Schizosaccharomyces pombe. <b>1997</b> , 272, 12100-6	13
2026	Isolation, expression, and regulation of the pgr1(+) gene encoding glutathione reductase absolutely required for the growth of Schizosaccharomyces pombe. <b>1997</b> , 272, 23042-9	39
2025	Resistance to diverse drugs and ultraviolet light conferred by overexpression of a novel human 26 S proteasome subunit. <b>1997</b> , 272, 30470-5	68

2024	PSTPIP: a tyrosine phosphorylated cleavage furrow-associated protein that is a substrate for a PEST tyrosine phosphatase. <b>1997</b> , 138, 845-60		160
2023	The spindle pole body of <i>Schizosaccharomyces pombe</i> enters and leaves the nuclear envelope as the cell cycle proceeds. <b>1997</b> , 8, 1461-79		196
2022	DNA replication and order of cell cycle events: a role for protein isoprenylation?. <b>1997</b> , 378, 963-73		2
2021	Human Bak induces cell death in <i>Schizosaccharomyces pombe</i> with morphological changes similar to those with apoptosis in mammalian cells. <b>1997</b> , 17, 2468-74		128
2020	A novel protein, Psp1, essential for cell cycle progression of <i>Schizosaccharomyces pombe</i> is phosphorylated by Cdc2-Cdc13 upon entry into G0-like stationary phase of cell growth. <b>1997</b> , 272, 19993-20002	18	
2019	Regulation of the replication initiator protein p65cdc18 by CDK phosphorylation. <b>1997</b> , 11, 2767-79		147
2018	Regulation of <i>Schizosaccharomyces pombe</i> Wee1 tyrosine kinase. <b>1997</b> , 272, 13320-5		58
2017	Protein phosphatase 2C acts independently of stress-activated kinase cascade to regulate the stress response in fission yeast. <b>1997</b> , 272, 17873-9		62
2016	Type II myosin heavy chain encoded by the <i>myo2</i> gene composes the contractile ring during cytokinesis in <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 137, 1309-19		183
2015	Stress-activated protein kinase pathway in cell cycle control of fission yeast. <i>Methods in Enzymology</i> , <b>1997</b> , 283, 506-20	1.7	56
2014	Identification of a second myosin-II in <i>Schizosaccharomyces pombe</i> : Myp2p is conditionally required for cytokinesis. <b>1997</b> , 8, 2693-705		148
2013	<i>cdc12p</i> , a protein required for cytokinesis in fission yeast, is a component of the cell division ring and interacts with profilin. <b>1997</b> , 137, 169-82		351
2012	Rapamycin specifically interferes with the developmental response of fission yeast to starvation. <b>1997</b> , 179, 6325-34		55
2011	Interaction of the S phase regulator <i>cdc18</i> with cyclin-dependent kinase in fission yeast. <b>1997</b> , 94, 6142-7		44
2010	<i>Schizosaccharomyces pombe cdc20+</i> encodes DNA polymerase epsilon and is required for chromosomal replication but not for the S phase checkpoint. <b>1997</b> , 94, 12491-6		73
2009	The <i>Schizosaccharomyces pombe rad11+</i> gene encodes the large subunit of replication protein A. <b>1997</b> , 17, 2381-90		39
2008	The centromere enhancer mediates centromere activation in <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 17, 3305-14		41
2007	Roles of Wee1 and Nim1 protein kinases in regulating the switch from mitotic division to sexual development in <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 17, 10-7		21



2006	Role of Schizosaccharomyces pombe RecQ homolog, recombination, and checkpoint genes in UV damage tolerance. <b>1997</b> , 17, 6868-75		178
2005	A novel mutant allele of Schizosaccharomyces pombe rad26 defective in monitoring S-phase progression to prevent premature mitosis. <b>1997</b> , 17, 3103-15		27
2004	The fission yeast protein p73res2 is an essential component of the mitotic MBF complex and a master regulator of meiosis. <b>1997</b> , 17, 6246-54		15
2003	Npp106p, a Schizosaccharomyces pombe nucleoporin similar to Saccharomyces cerevisiae Nic96p, functionally interacts with Rae1p in mRNA export. <b>1997</b> , 17, 7047-60		25
2002	Discrete roles of the Spc1 kinase and the Atf1 transcription factor in the UV response of Schizosaccharomyces pombe. <b>1997</b> , 17, 3356-63		162
2001	Mkh1, a MEK kinase required for cell wall integrity and proper response to osmotic and temperature stress in Schizosaccharomyces pombe. <b>1997</b> , 17, 3508-19		58
2000	Cytokinesis in fission yeast Schizosaccharomyces pombe. <i>Methods in Enzymology</i> , <b>1997</b> , 283, 494-506	1.7	102
1999	Genetic and physiological analysis of DNA replication in fission yeast. <i>Methods in Enzymology</i> , <b>1997</b> , 283, 440-59	1.7	8
1998	Vacuolar protein sorting in fission yeast: cloning, biosynthesis, transport, and processing of carboxypeptidase Y from Schizosaccharomyces pombe. <b>1997</b> , 179, 4179-89		56
1997	Cloning, expression, and characterization of a novel phospholipase D complementary DNA from rat brain. <b>1997</b> , 272, 11408-13		192
1996	cps1+, a Schizosaccharomyces pombe gene homolog of Saccharomyces cerevisiae FKS genes whose mutation confers hypersensitivity to cyclosporin A and papulacandin B. <b>1997</b> , 179, 7653-62		114
1995	Cloning cell cycle regulatory genes by transcomplementation in yeast. <i>Methods in Enzymology</i> , <b>1997</b> , 283, 44-59	1.7	36
1994	Analysis of radiation-sensitive mutants of fission yeast. <i>Methods in Enzymology</i> , <b>1997</b> , 283, 471-94	1.7	25
1993	Schizosaccharomyces pombe fragile mutants as a host for heterologous protein production. <b>1997</b> , 54, 121-9		1
1992	Cdc25 mitotic inducer targeted by chk1 DNA damage checkpoint kinase. <b>1997</b> , 277, 1495-7		476
1991	The Schizosaccharomyces pombe gms1+ gene encodes an UDP-galactose transporter homologue required for protein galactosylation. <b>1997</b> , 232, 121-5		72
1990	A new Holliday junction resolving enzyme from Schizosaccharomyces pombe that is homologous to CCE1 from Saccharomyces cerevisiae. <b>1997</b> , 272, 509-22		37
1989	Identification of autonomously replicating sequence (ARS) elements in eukaryotic cells. <b>1997</b> , 13, 221-33		51

1988	tea1 and the microtubular cytoskeleton are important for generating global spatial order within the fission yeast cell. <b>1997</b> , 89, 939-49	311
1987	Transient inhibition of histone deacetylation alters the structural and functional imprint at fission yeast centromeres. <b>1997</b> , 91, 1021-32	341
1986	The Arabidopsis Cks1At protein binds the cyclin-dependent kinases Cdc2aAt and Cdc2bAt. <b>1997</b> , 412, 446-52	77
1985	Isoform specificity of activators and inhibitors of protein kinase C gamma and delta. <b>1997</b> , 415, 101-8	59
1984	A series of vectors to construct lacZ fusions for the study of gene expression in Schizosaccharomyces pombe. <b>1997</b> , 420, 39-42	9
1983	Identification of Myo3, a second type-II myosin heavy chain in the fission yeast Schizosaccharomyces pombe. <b>1997</b> , 420, 161-6	73
1982	Fission yeast dihydrolipoamide dehydrogenase gene is involved in G1/S cell cycle progression. <b>1997</b> , 1358, 229-39	8
1981	A novel HSP70 gene of Schizosaccharomyces pombe that confers K-252a resistance. <b>1997</b> , 189, 43-7	9
1980	General purpose tagging vectors for fission yeast. <b>1997</b> , 191, 191-5	160
1979	Cloning and characterization of the S. pombe gene efc25+, a new putative guanine nucleotide exchange factor. <b>1997</b> , 193, 203-10	19
1978	sep1+ encodes a transcription-factor homologue of the HNF-3/forkhead DNA-binding-domain family in Schizosaccharomyces pombe. <b>1997</b> , 202, 1-5	46
1977	Using Schizosaccharomyces pombe as a host for expression and purification of eukaryotic proteins. <b>1997</b> , 200, 135-44	33
1976	The Schizosaccharomyces pombe spindle checkpoint protein mad2p blocks anaphase and genetically interacts with the anaphase-promoting complex. <b>1997</b> , 94, 7965-70	230
1975	Fission yeast dim1(+) encodes a functionally conserved polypeptide essential for mitosis. <b>1997</b> , 137, 1337-54	36
1974	Identification of a DNA element in the fission yeast Schizosaccharomyces pombe nmt1 (thi3) promoter involved in thiamine-regulated gene expression. <b>1997</b> , 179, 5956-8	12
1973	Regulation of telomere length and function by a Myb-domain protein in fission yeast. <b>1997</b> , 385, 744-7	432
1972	A simple method for rescuing autonomous plasmids from fission yeast. <b>1997</b> , 2, 89-90	
1971	Regulation of salt tolerance in fission yeast by a protein-phosphatase-Z-like Ser/Thr protein phosphatase. <b>1997</b> , 250, 476-83	24

1970	Meiotic nuclear reorganization: switching the position of centromeres and telomeres in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 16, 193-202	142
1969	rqh1+, a fission yeast gene related to the Bloom's and Werner's syndrome genes, is required for reversible S phase arrest. <b>1997</b> , 16, 2682-92	308
1968	p25rum1 promotes proteolysis of the mitotic B-cyclin p56cdc13 during G1 of the fission yeast cell cycle. <b>1997</b> , 16, 4657-64	34
1967	Multiple modes of activation of the stress-responsive MAP kinase pathway in fission yeast. <b>1997</b> , 16, 6162-70	92
1966	Fission yeast pheromone blocks S-phase by inhibiting the G1 cyclin B-p34cdc2 kinase. <b>1997</b> , 16, 534-44	50
1965	Chk1 is a wee1 kinase in the G2 DNA damage checkpoint inhibiting cdc2 by Y15 phosphorylation. <b>1997</b> , 16, 545-54	306
1964	Functional characterization of the fission yeast Start-specific transcription factor Res2. <b>1997</b> , 16, 1023-34	32
1963	p56(chk1) protein kinase is required for the DNA replication checkpoint at 37 degrees C in fission yeast. <b>1997</b> , 16, 1332-41	39
1962	Nif1, a novel mitotic inhibitor in <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 16, 1342-50	24
1961	Cell cycle inhibitory effects of HIV and SIV Vpr and Vpx in the yeast <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 230, 103-12	30
1960	Mitosis-specific phosphorylation of gar2, a fission yeast nucleolar protein structurally related to nucleolin. <b>1997</b> , 105, 532-41	18
1959	Division-site selection, cell separation, and formation of anucleate minicells in <i>Schizosaccharomyces pombe</i> mutants resistant to cell-wall lytic enzymes. <b>1997</b> , 198, 218-229	11
1958	Properties and heterologous expression of the glucose transporter GHT1 from <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 13, 215-24	12
1957	Isolation of a <i>Schizosaccharomyces pombe</i> gene which in high copy confers resistance to the nucleoside analogue 5-azacytidine. <b>1997</b> , 13, 463-74	8
1956	Identification and preliminary characterization of p31, a new PSTAIRE-related protein in fission yeast. <b>1997</b> , 13, 727-34	6
1955	Advancement through mitosis requires rae1 gene function in fission yeast. <b>1997</b> , 13, 1167-79	34
1954	Mapping of ure1, ure2 and ure3 markers in fission yeast. <b>1997</b> , 13, 1195-7	2
1953	Identification and expression of uvi31+, a UV-inducible gene from <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 30, 72-81	17

1952	Type II myosin involved in cytokinesis in the fission yeast, <i>Schizosaccharomyces pombe</i> . <b>1997</b> , 38, 385-96	96
1951	pmp1+, a suppressor of calcineurin deficiency, encodes a novel MAP kinase phosphatase in fission yeast. <b>1998</b> , 17, 140-8	96
1950	Nascent transcription from the nmt1 and nmt2 genes of <i>Schizosaccharomyces pombe</i> overlaps neighbouring genes. <b>1998</b> , 17, 3066-77	29
1949	A site- and strand-specific DNA break confers asymmetric switching potential in fission yeast. <b>1998</b> , 17, 4503-10	90
1948	The role of the destruction box and its neighbouring lysine residues in cyclin B for anaphase ubiquitin-dependent proteolysis in fission yeast: defining the D-box receptor. <b>1998</b> , 17, 5670-8	87
1947	Cdc18 transcription and proteolysis couple S phase to passage through mitosis. <b>1998</b> , 17, 5689-98	56
1946	Localization of the 26S proteasome during mitosis and meiosis in fission yeast. <b>1998</b> , 17, 6465-76	138
1945	Fission yeast Csk1 is a CAK-activating kinase (CAKAK). <b>1998</b> , 17, 7230-8	49
1944	Hus1p, a conserved fission yeast checkpoint protein, interacts with Rad1p and is phosphorylated in response to DNA damage. <b>1998</b> , 17, 2055-66	104
1943	Defective meiosis in telomere-silencing mutants of <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 392, 825-8	214
1942	Fission yeast Taz1 protein is required for meiotic telomere clustering and recombination. <b>1998</b> , 392, 828-31	241
1941	Replication checkpoint requires phosphorylation of the phosphatase Cdc25 by Cds1 or Chk1. <b>1998</b> , 395, 507-10	322
1940	The chromo and SET domains of the Clr4 protein are essential for silencing in fission yeast. <b>1998</b> , 19, 192-5	143
1939	Subcellular localization and possible function of actin, tropomyosin and actin-related protein 3 (Arp3) in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 76, 288-95	73
1938	Pharmacological characterisation of the D2 dopamine receptor expressed in the yeast <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 56, 577-82	7
1937	Stage-specific activity of the <i>Leishmania major</i> CRK3 kinase and functional rescue of a <i>Schizosaccharomyces pombe</i> cdc2 mutant. <b>1998</b> , 96, 139-50	33
1936	Cloning and characterization of two genes encoding dihydroxyacetone kinase from <i>Schizosaccharomyces pombe</i> IFO 0354. <b>1998</b> , 1442, 361-8	8
1935	Regulated vacuole fusion and fission in <i>Schizosaccharomyces pombe</i> : an osmotic response dependent on MAP kinases. <b>1998</b> , 8, 135-44	128

1934	Rng2p, a protein required for cytokinesis in fission yeast, is a component of the actomyosin ring and the spindle pole body. <b>1998</b> , 8, 611-21	132
1933	The myosin ATPase inhibitor 2,3-butanedione-2-monoxime (BDM) inhibits tip growth and cytokinesis in the fission yeast, <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 41, 117-25	24
1932	Heterologous modules for efficient and versatile PCR-based gene targeting in <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 14, 943-51	1745
1931	DNA polymerase epsilon encoded by <i>cdc20+</i> is required for chromosomal DNA replication in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 3, 99-110	17
1930	Two F-box/WD-repeat proteins Pop1 and Pop2 form hetero- and homo-complexes together with cullin-1 in the fission yeast SCF (Skp1-Cullin-1-F-box) ubiquitin ligase. <b>1998</b> , 3, 721-35	84
1929	Characterization of the geranylgeranyl transferase type I from <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 29, 1357-67	23
1928	Isolation of a novel heat shock protein 70-like gene, <i>pss1+</i> of <i>Schizosaccharomyces pombe</i> homologous to <i>hsp110/SSE</i> subfamily. <b>1998</b> , 210, 143-50	18
1927	Vectors for the expression of tagged proteins in <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 221, 59-68	203
1926	Functional analysis of domains in the Byr2 kinase. <b>1998</b> , 80, 621-5	11
1925	Trehalose-6P synthase is essential for trehalase activation triggered by glucose, nitrogen source or heat shock, but not by osmotic stress, in <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 1381, 271-8	13
1924	RNA-assisted nuclear transport of the meiotic regulator Mei2p in fission yeast. <b>1998</b> , 95, 115-23	99
1923	The Pzh1 protein phosphatase and the Spm1 protein kinase are involved in the regulation of the plasma membrane H <sup>+</sup> -ATPase in fission yeast. <b>1998</b> , 435, 241-4	10
1922	<i>phd1+</i> , a histone deacetylase gene of <i>Schizosaccharomyces pombe</i> , is required for the meiotic cell cycle and resistance to trichostatin A. <b>1998</b> , 436, 193-6	13
1921	Mutation of Gly-444 inactivates the <i>S. pombe</i> malic enzyme. <b>1998</b> , 167, 157-62	7
1920	The Byr2 kinase translocates to the plasma membrane in a Ras1-dependent manner. <b>1998</b> , 244, 468-74	19
1919	Isolation and characterization of an invertase and its repressor genes from <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 245, 246-53	54
1918	Isoform-specific phosphorylation of fission yeast type 2C protein phosphatase. <b>1998</b> , 251, 296-300	4
1917	A mutation Ser213/Asn in the hexokinase 1 from <i>Schizosaccharomyces pombe</i> increases its affinity for glucose. <b>1998</b> , 251, 714-9	7

1916	Regulation of the G1 phase of the cell cycle by periodic stabilization and degradation of the p25rum1 CDK inhibitor. <b>1998</b> , 17, 482-97	88
1915	Two modes of survival of fission yeast without telomerase. <b>1998</b> , 282, 493-6	222
1914	Schizosaccharomyces pombe Mcm3p, an essential nuclear protein, associates tightly with Nda4p (Mcm5p). <b>1998</b> , 26, 3955-60	40
1913	Fission yeast Ste9, a homolog of Hct1/Cdh1 and Fizzy-related, is a novel negative regulator of cell cycle progression during G1-phase. <b>1998</b> , 9, 1065-80	102
1912	Genetic characterisation of hda1+, a putative fission yeast histone deacetylase gene. <b>1998</b> , 26, 3247-54	21
1911	Purification of Hsk1, a minichromosome maintenance protein kinase from fission yeast. <b>1998</b> , 273, 22083-90	92
1910	The fission yeast mitotic regulator win1+ encodes an MAP kinase kinase kinase that phosphorylates and activates Wis1 MAP kinase kinase in response to high osmolarity. <b>1998</b> , 9, 2325-35	60
1909	FH3, a domain found in formins, targets the fission yeast formin Fus1 to the projection tip during conjugation. <b>1998</b> , 141, 1217-28	143
1908	Multiple domains of fission yeast Cdc19p (MCM2) are required for its association with the core MCM complex. <b>1998</b> , 9, 1833-45	47
1907	Regulation of the fission yeast transcription factor Pap1 by oxidative stress: requirement for the nuclear export factor Crm1 (Exportin) and the stress-activated MAP kinase Sty1/Spc1. <b>1998</b> , 12, 1453-63	235
1906	A novel fission yeast gene, tht1+, is required for the fusion of nuclear envelopes during karyogamy. <b>1998</b> , 140, 247-58	31
1905	Regulation of telomere length by checkpoint genes in Schizosaccharomyces pombe. <b>1998</b> , 9, 611-21	61
1904	Heat stress activates fission yeast Spc1/Sty1 MAPK by a MEKK-independent mechanism. <b>1998</b> , 9, 1339-49	100
1903	Single point mutations located outside the inter-monomer domains abolish trimerization of Schizosaccharomyces pombe PCNA. <b>1998</b> , 26, 2598-605	6
1902	cut11(+): A gene required for cell cycle-dependent spindle pole body anchoring in the nuclear envelope and bipolar spindle formation in Schizosaccharomyces pombe. <b>1998</b> , 9, 2839-55	137
1901	Human and mouse homologs of Schizosaccharomyces pombe rad1(+) and Saccharomyces cerevisiae RAD17: linkage to checkpoint control and mammalian meiosis. <b>1998</b> , 12, 2560-73	91
1900	Mutational effect of fission yeast polalpha on cell cycle events. <b>1998</b> , 9, 2107-23	45
1899	Identification and characterization of srp1, a gene of fission yeast encoding a RNA binding domain and a RS domain typical of SR splicing factors. <b>1998</b> , 26, 505-11	40

1898	Identification of novel temperature-sensitive lethal alleles in essential beta-tubulin and nonessential alpha 2-tubulin genes as fission yeast polarity mutants. <b>1998</b> , 9, 1757-71	79
1897	Activation of the kexin from <i>Schizosaccharomyces pombe</i> requires internal cleavage of its initially cleaved prosequence. <b>1998</b> , 18, 400-8	30
1896	The UDP-Glc:Glycoprotein glucosyltransferase is essential for <i>Schizosaccharomyces pombe</i> viability under conditions of extreme endoplasmic reticulum stress. <b>1998</b> , 143, 625-35	73
1895	Negative regulation of Cdc18 DNA replication protein by Cdc2. <b>1998</b> , 9, 63-73	80
1894	The Win1 mitotic regulator is a component of the fission yeast stress-activated Sty1 MAPK pathway. <b>1998</b> , 9, 311-22	49
1893	imp2, a new component of the actin ring in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 143, 415-27	60
1892	Role of polo kinase and Mid1p in determining the site of cell division in fission yeast. <b>1998</b> , 143, 1603-16	270
1891	Fission yeast bub1 is a mitotic centromere protein essential for the spindle checkpoint and the preservation of correct ploidy through mitosis. <b>1998</b> , 143, 1775-87	129
1890	Characterization of Pak2p, a pleckstrin homology domain-containing, p21-activated protein kinase from fission yeast. <b>1998</b> , 273, 18490-8	41
1889	Regulation of cell polarity by microtubules in fission yeast. <b>1998</b> , 142, 457-71	133
1888	The cytoplasmic zinc finger protein ZPR1 accumulates in the nucleolus of proliferating cells. <b>1998</b> , 9, 2963-71	62
1887	The cdr2(+) gene encodes a regulator of G2/M progression and cytokinesis in <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 9, 3399-415	81
1886	The role of the <i>Schizosaccharomyces pombe</i> gar2 protein in nucleolar structure and function depends on the concerted action of its highly charged N terminus and its RNA-binding domains. <b>1998</b> , 9, 2011-23	24
1885	Asymmetric segregation on spindle poles of the <i>Schizosaccharomyces pombe</i> septum-inducing protein kinase Cdc7p. <b>1998</b> , 12, 84-94	160
1884	A <i>Schizosaccharomyces pombe</i> artificial chromosome large DNA cloning system. <b>1998</b> , 26, 5052-60	5
1883	Myb-related <i>Schizosaccharomyces pombe</i> cdc5p is structurally and functionally conserved in eukaryotes. <b>1998</b> , 18, 4097-108	64
1882	Fission yeast orb6, a ser/thr protein kinase related to mammalian rho kinase and myotonic dystrophy kinase, is required for maintenance of cell polarity and coordinates cell morphogenesis with the cell cycle. <b>1998</b> , 95, 7526-31	183
1881	GFP fusion proteins as probes for cytology in fission yeast. <b>1999</b> , 58, 123-38	6

1880	Multiple orientation-dependent, synergistically interacting, similar domains in the ribosomal DNA replication origin of the fission yeast, <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 18, 7294-303	57
1879	Novel factor highly conserved among eukaryotes controls sexual development in fission yeast. <b>1998</b> , 18, 887-95	58
1878	The <i>Schizosaccharomyces pombe</i> mei4+ gene encodes a meiosis-specific transcription factor containing a forkhead DNA-binding domain. <b>1998</b> , 18, 2118-29	115
1877	An RNA binding protein negatively controlling differentiation in fission yeast. <b>1998</b> , 18, 4488-98	28
1876	COS1, a two-component histidine kinase that is involved in hyphal development in the opportunistic pathogen <i>Candida albicans</i> . <b>1998</b> , 95, 7069-73	115
1875	Reverse transcription of a self-primed retrotransposon requires an RNA structure similar to the U5-IR stem-loop of retroviruses. <b>1998</b> , 18, 6859-69	27
1874	Tyrosine phosphorylation of cdc2 is required for the replication checkpoint in <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 18, 3782-7	99
1873	The role of fnx1, a fission yeast multidrug resistance protein, in the transition of cells to a quiescent G0 state. <b>1998</b> , 18, 5239-46	15
1872	Cyclin B proteolysis and the cyclin-dependent kinase inhibitor rum1p are required for pheromone-induced G1 arrest in fission yeast. <b>1998</b> , 9, 1309-21	41
1871	A novel function of the DNA repair gene rhp6 in mating-type silencing by chromatin remodeling in fission yeast. <b>1998</b> , 18, 5511-22	38
1870	Cloning, differential regulation and tissue distribution of alternatively spliced isoforms of ADP-ribosylation-factor-dependent phospholipase D from rat liver. <b>1998</b> , 329 ( Pt 3), 647-52	60
1869	sud1(+) targets cyclin-dependent kinase-phosphorylated Cdc18 and Rum1 proteins for degradation and stops unwanted diploidization in fission yeast. <b>1998</b> , 95, 8159-64	53
1868	Conservation of histone binding and transcriptional repressor functions in a <i>Schizosaccharomyces pombe</i> Tup1p homolog. <b>1999</b> , 19, 8461-8	42
1867	The evolutionarily conserved Dim1 protein defines a novel branch of the thioredoxin fold superfamily. <b>1999</b> , 1, 109-18	20
1866	Multiple-color fluorescence imaging of chromosomes and microtubules in living cells. <b>1999</b> , 24, 291-8	88
1865	Molecular genetic analysis of U2AF59 in <i>Schizosaccharomyces pombe</i> : differential sensitivity of introns to mutational inactivation. <b>1999</b> , 5, 49-65	18
1864	Pac1p, an RNase III homolog, is required for formation of the 3' end of U2 snRNA in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 5, 1083-98	29
1863	Interaction between the product of the breast cancer susceptibility gene BRCA2 and DSS1, a protein functionally conserved from yeast to mammals. <b>1999</b> , 19, 4633-42	160



1862	Characterization of a fission yeast SUMO-1 homologue, pmt3p, required for multiple nuclear events, including the control of telomere length and chromosome segregation. <b>1999</b> , 19, 8660-72	159
1861	Srp2, an SR protein family member of fission yeast: in vivo characterization of its modular domains. <b>1999</b> , 27, 2618-26	32
1860	Nuclear localization of <i>Schizosaccharomyces pombe</i> Mcm2/Cdc19p requires MCM complex assembly. <b>1999</b> , 10, 4043-57	70
1859	Role for yeast inhibitor of apoptosis (IAP)-like proteins in cell division. <b>1999</b> , 96, 10170-5	175
1858	GERp95, a membrane-associated protein that belongs to a family of proteins involved in stem cell differentiation. <b>1999</b> , 10, 3357-72	82
1857	Rad18 is required for DNA repair and checkpoint responses in fission yeast. <b>1999</b> , 10, 2905-18	122
1856	A cytoplasmic dynein heavy chain is required for oscillatory nuclear movement of meiotic prophase and efficient meiotic recombination in fission yeast. <b>1999</b> , 145, 1233-49	219
1855	Ssp1 promotes actin depolymerization and is involved in stress response and new end take-off control in fission yeast. <b>1999</b> , 10, 1495-510	64
1854	A key role for replication factor C in DNA replication checkpoint function in fission yeast. <b>1999</b> , 27, 462-9	31
1853	Cdc25 inhibited in vivo and in vitro by checkpoint kinases Cds1 and Chk1. <b>1999</b> , 10, 833-45	191
1852	The fission yeast homologue of Orc4p binds to replication origin DNA via multiple AT-hooks. <b>1999</b> , 96, 2656-61	189
1851	Characterization of maize ( <i>Zea mays</i> L.) Wee1 and its activity in developing endosperm. <b>1999</b> , 96, 4180-5	132
1850	Phytochelatin synthase genes from <i>Arabidopsis</i> and the yeast <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 11, 1153-64	579
1849	Functional dissection and hierarchy of tubulin-folding cofactor homologues in fission yeast. <b>1999</b> , 10, 2987-3001	61
1848	Cell cycle-regulated transcription in fission yeast: Cdc10-Res protein interactions during the cell cycle and domains required for regulated transcription. <b>1999</b> , 10, 3705-15	37
1847	Sid2p, a spindle pole body kinase that regulates the onset of cytokinesis. <b>1999</b> , 146, 777-90	157
1846	Requirement of sequences outside the conserved kinase domain of fission yeast Rad3p for checkpoint control. <b>1999</b> , 10, 3223-38	16
1845	A double-strand break repair component is essential for S phase completion in fission yeast cell cycling. <b>1999</b> , 10, 3331-43	39

1844	Isolated mammalian and <i>Schizosaccharomyces pombe</i> ran-binding domains rescue <i>S. pombe</i> sbp1 (RanBP1) genomic mutants. <b>1999</b> , 10, 2175-90	8
1843	Plo1 kinase recruitment to the spindle pole body and its role in cell division in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 10, 2771-85	126
1842	The Cdc6 protein is ubiquitinated in vivo for proteolysis in <i>Saccharomyces cerevisiae</i> . <b>1999</b> , 274, 9092-7	45
1841	Transcriptional regulation of the <i>Schizosaccharomyces pombe</i> malic enzyme gene, <i>mae2</i> . <b>1999</b> , 274, 9969-75	9
1840	Phosphorylation of the myosin-II light chain does not regulate the timing of cytokinesis in fission yeast. <b>1999</b> , 274, 17691-5	31
1839	Transcription dependence and the roles of two excision repair pathways for UV damage in fission yeast <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 274, 26822-7	20
1838	Fission yeast Pob1p, which is homologous to budding yeast Boi proteins and exhibits subcellular localization close to actin patches, is essential for cell elongation and separation. <b>1999</b> , 10, 2745-57	27
1837	Cloning of a <i>Schizosaccharomyces pombe</i> homologue of elongation factor 1 alpha by two-hybrid selection of calmodulin-binding proteins. <b>1999</b> , 77, 421-430	3
1836	Cell cycle regulation of Dfp1, an activator of the Hsk1 protein kinase. <b>1999</b> , 96, 8443-8	78
1835	The C-terminal region of <i>Schizosaccharomyces pombe</i> proliferating cell nuclear antigen is essential for DNA polymerase activity. <b>1999</b> , 96, 9515-20	17
1834	A copper-sensing transcription factor regulates iron uptake genes in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 274, 36252-60	99
1833	Effects of genome position and the DNA damage checkpoint on the structure and frequency of <i>sod2</i> gene amplification in fission yeast. <b>1999</b> , 10, 2199-208	3
1832	Genetic evidence for the heterodimeric structure of glucosidase II. The effect of disrupting the subunit-encoding genes on glycoprotein folding. <b>1999</b> , 274, 25899-905	69
1831	The <i>Schizosaccharomyces pombe</i> <i>hst4(+)</i> gene is a SIR2 homologue with silencing and centromeric functions. <b>1999</b> , 10, 3171-86	61
1830	A mutant of Arp2p causes partial disassembly of the Arp2/3 complex and loss of cortical actin function in fission yeast. <b>1999</b> , 10, 4201-15	61
1829	Fission yeast APC/cyclosome subunits, Cut20/Apc4 and Cut23/Apc8, in regulating metaphase-anaphase progression and cellular stress responses. <b>1999</b> , 4, 445-63	31
1828	Overproduction of elongation factor 1alpha, an essential translational component, causes aberrant cell morphology by affecting the control of growth polarity in fission yeast. <b>1999</b> , 4, 517-27	22
1827	The MAPK kinase Pek1 acts as a phosphorylation-dependent molecular switch. <b>1999</b> , 399, 479-83	69

1826	Orientation of DNA replication establishes mating-type switching pattern in <i>S. pombe</i> . <b>1999</b> , 400, 181-4	124
1825	Cohesin Rec8 is required for reductional chromosome segregation at meiosis. <b>1999</b> , 400, 461-4	447
1824	Nuclear localization of Cdc25 is regulated by DNA damage and a 14-3-3 protein. <b>1999</b> , 397, 172-5	517
1823	<i>Candida albicans</i> exoglucanase as a reporter gene in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 175, 143-8	7
1822	Hexavalent chromium uptake by sensitive and tolerant mutants of <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 178, 109-15	36
1821	cobA, a red fluorescent transcriptional reporter for <i>Escherichia coli</i> , yeast, and mammalian cells. <b>1999</b> , 17, 1175-8	33
1820	hRAD17, a structural homolog of the <i>Schizosaccharomyces pombe</i> RAD17 cell cycle checkpoint gene, stimulates p53 accumulation. <b>1999</b> , 18, 1689-99	18
1819	Expression of human papillomavirus 16 E2 protein in <i>Schizosaccharomyces pombe</i> delays the initiation of mitosis. <b>1999</b> , 18, 4015-21	26
1818	Tolerance to toxic metals by a gene family of phytochelatin synthases from plants and yeast. <b>1999</b> , 18, 3325-33	481
1817	Evidence for F-actin-dependent and -independent mechanisms involved in assembly and stability of the medial actomyosin ring in fission yeast. <b>1999</b> , 18, 854-62	113
1816	Isolation of a novel gene, <i>moc2</i> , encoding a putative RNA helicase as a suppressor of sterile strains in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 1446, 93-101	18
1815	The <i>Schizosaccharomyces pombe</i> Pzh1 protein phosphatase regulates Na <sup>+</sup> ion influx in a Trk1-independent fashion. <b>1999</b> , 260, 31-7	14
1814	Influence of the amino acid residue downstream of (Asp) <sub>4</sub> Lys on enterokinase cleavage of a fusion protein. <b>1999</b> , 269, 10-6	45
1813	RHO GTPases in the control of cell morphology, cell polarity, and actin localization in fission yeast. <b>1999</b> , 47, 51-60	50
1812	The topoisomerase I poison camptothecin generates a Chk1-dependent DNA damage checkpoint signal in fission yeast. <b>1999</b> , 15, 821-8	59
1811	Gene disruption in <i>Schizosaccharomyces pombe</i> using a temperature-sensitive Ura4p. <b>1999</b> , 15, 1231-6	4
1810	Molecular identification of a eukaryotic, stretch-activated nonselective cation channel. <b>1999</b> , 285, 882-6	192
1809	Identification of a regulatory element required for 3'-end formation in transcripts of <i>rhp51+</i> , a <i>recA</i> homolog of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 3, 413-415	

1808	lbd1p, a possible spindle pole body associated protein, regulates nuclear division and bud separation in <i>Saccharomyces cerevisiae</i> . <b>1999</b> , 1449, 239-53	12
1807	Ras-mediated signaling pathway regulates the expression of a low-molecular-weight heat-shock protein in fission yeast. <b>1999</b> , 236, 347-52	7
1806	Mutational analysis of two <i>Arabidopsis thaliana</i> cyclin-dependent kinases in fission yeast. <b>1999</b> , 446, 182-8	22
1805	Identification of cold-sensitive mutations in the <i>Schizosaccharomyces pombe</i> actin locus. <b>1999</b> , 451, 321-6	14
1804	Tpr1, a <i>Schizosaccharomyces pombe</i> protein involved in potassium transport. <b>1999</b> , 457, 363-8	3
1803	Functional complementation of the <i>Schizosaccharomyces pombe</i> wis1 mutant by <i>Arabidopsis</i> MEK1 and non-catalytic enhancement by CTR1. <b>1999</b> , 459, 405-10	4
1802	<i>S. pombe</i> Pbh1p: an inhibitor of apoptosis domain containing protein is essential for chromosome segregation. <b>1999</b> , 460, 187-90	26
1801	Expression of the ADP/ATP carrier encoding genes in aerobic yeasts; phenotype of an ADP/ATP carrier deletion mutant of <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 1410, 229-36	15
1800	The 26S proteasome of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 354, 1523-32	14
1799	Influence of a replication enhancer on the hierarchy of origin efficiencies within a cluster of DNA replication origins. <b>1999</b> , 288, 867-82	26
1798	Cloning and characterization of psu1(+), a new essential fission yeast gene involved in cell wall synthesis. <b>1999</b> , 262, 368-74	16
1797	Deletion of the sep1(+) forkhead transcription factor homologue is not lethal but causes hyphal growth in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 263, 465-74	33
1796	Control of growth and differentiation by <i>Drosophila</i> RasGAP, a homolog of p120 Ras-GTPase-activating protein. <b>1999</b> , 19, 1928-37	29
1795	A new member of the Sin3 family of corepressors is essential for cell viability and required for retroelement propagation in fission yeast. <b>1999</b> , 19, 2351-65	29
1794	The <i>schizosaccharomyces pombe</i> dim1(+) gene interacts with the anaphase-promoting complex or cyclosome (APC/C) component lid1(+) and is required for APC/C function. <b>1999</b> , 19, 2535-46	44
1793	The Rpb4 subunit of fission yeast <i>Schizosaccharomyces pombe</i> RNA polymerase II is essential for cell viability and similar in structure to the corresponding subunits of higher eukaryotes. <b>1999</b> , 19, 7511-8	48
1792	Mutator phenotype induced by aberrant replication. <b>1999</b> , 19, 1126-35	37
1791	Basis for the checkpoint signal specificity that regulates Chk1 and Cds1 protein kinases. <b>1999</b> , 19, 4262-9	100

1790	A fission yeast gene, him1(+)/dfp1(+), encoding a regulatory subunit for Hsk1 kinase, plays essential roles in S-phase initiation as well as in S-phase checkpoint control and recovery from DNA damage. <b>1999</b> , 19, 5535-47	96
1789	Isolation of a mammalian homologue of a fission yeast differentiation regulator. <b>1999</b> , 19, 3829-41	91
1788	Myb-related fission yeast cdc5p is a component of a 40S snRNP-containing complex and is essential for pre-mRNA splicing. <b>1999</b> , 19, 5352-62	110
1787	Nup124p is a nuclear pore factor of <i>Schizosaccharomyces pombe</i> that is important for nuclear import and activity of retrotransposon Tf1. <b>1999</b> , 19, 5768-84	41
1786	Fission yeast cdc24 is a replication factor C- and proliferating cell nuclear antigen-interacting factor essential for S-phase completion. <b>1999</b> , 19, 1038-48	31
1785	Defects in components of the proteasome enhance transcriptional silencing at fission yeast centromeres and impair chromosome segregation. <b>1999</b> , 19, 5155-65	23
1784	DNA damage and replication checkpoints in fission yeast require nuclear exclusion of the Cdc25 phosphatase via 14-3-3 binding. <b>1999</b> , 19, 7410-9	139
1783	Contribution of base excision repair, nucleotide excision repair, and DNA recombination to alkylation resistance of the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 182, 2104-12	78
1782	Novel Upf2p orthologues suggest a functional link between translation initiation and nonsense surveillance complexes. <b>2000</b> , 20, 8944-57	134
1781	Myotubularin, a phosphatase deficient in myotubular myopathy, acts on phosphatidylinositol 3-kinase and phosphatidylinositol 3-phosphate pathway. <b>2000</b> , 9, 2223-9	216
1780	Identification and transcription control of fission yeast genes repressed by an ammonium starvation growth arrest. <b>2000</b> , 16, 23-33	46
1779	A fission yeast kinesin affects Golgi membrane recycling. <b>2000</b> , 16, 149-66	57
1778	Cyclic AMP regulates cell size of <i>Schizosaccharomyces pombe</i> through Cdc25 mitotic inducer. <b>2000</b> , 16, 523-9	10
1777	Multiple pathways regulating fission yeast mitosis upon environmental stresses. <b>2000</b> , 16, 597-609	7
1776	A family of multifunctional thiamine-repressible expression vectors for fission yeast. <b>2000</b> , 16, 861-72	73
1775	Mutations in the large subunit of U2AF disrupt pre-mRNA splicing, cell cycle progression and nuclear structure. <b>2000</b> , 16, 1001-13	9
1774	<i>Schizosaccharomyces pombe</i> gmd3(+)/alg11(+) is a functional homologue of <i>Saccharomyces cerevisiae</i> ALG11 which is involved in N-linked oligosaccharide synthesis. <b>2000</b> , 16, 1261-71	13
1773	Purification, molecular and kinetic characterization of phosphofructokinase-1 from the yeast <i>Schizosaccharomyces pombe</i> : evidence for an unusual subunit composition. <b>2000</b> , 16, 1273-85	18

1772	Large-scale screening of intracellular protein localization in living fission yeast cells by the use of a GFP-fusion genomic DNA library. <b>2000</b> , 5, 169-90	110
1771	Proper ascospore maturation requires the chs1+ chitin synthase gene in Schizosaccharomyces pombe. <b>2000</b> , 35, 79-89	63
1770	Sxa2 is a serine carboxypeptidase that degrades extracellular P-factor in the fission yeast Schizosaccharomyces pombe. <b>2000</b> , 36, 377-90	25
1769	bgs2+, a sporulation-specific glucan synthase homologue is required for proper ascospore wall maturation in fission yeast. <b>2000</b> , 38, 308-21	56
1768	The Cdt1 protein is required to license DNA for replication in fission yeast. <b>2000</b> , 404, 625-8	380
1767	Role for trehalase during germination of spores in the fission yeast Schizosaccharomyces pombe. <b>2000</b> , 193, 117-21	11
1766	The Cdc42p GTPase is targeted to the site of cell division in the fission yeast Schizosaccharomyces pombe. <b>2000</b> , 79, 469-77	25
1765	Fate of mat1 DNA strands during mating-type switching in fission yeast. <b>2000</b> , 1, 145-50	34
1764	Promiscuous targeting of Bacillus subtilis cell division protein DivIVA to division sites in Escherichia coli and fission yeast. <b>2000</b> , 19, 2719-27	98
1763	Covalent modifier NEDD8 is essential for SCF ubiquitin-ligase in fission yeast. <b>2000</b> , 19, 3475-84	181
1762	Telomere-led bouquet formation facilitates homologous chromosome pairing and restricts ectopic interaction in fission yeast meiosis. <b>2000</b> , 19, 3831-40	115
1761	APC(ste9/srw1) promotes degradation of mitotic cyclins in G(1) and is inhibited by cdc2 phosphorylation. <b>2000</b> , 19, 3945-55	89
1760	Fission yeast Fizzy-related protein srw1p is a G(1)-specific promoter of mitotic cyclin B degradation. <b>2000</b> , 19, 3968-77	52
1759	Chromatin binding of the fission yeast replication factor mcm4 occurs during anaphase and requires ORC and cdc18. <b>2000</b> , 19, 1681-90	87
1758	The role of the sid1p kinase and cdc14p in regulating the onset of cytokinesis in fission yeast. <b>2000</b> , 19, 1803-15	137
1757	Cid1, a fission yeast protein required for S-M checkpoint control when DNA polymerase delta or epsilon is inactivated. <b>2000</b> , 20, 3234-44	59
1756	Identification of four genes involved in suppression of the pre-mRNA splicing defect in thesng1-1/rhp6 - mutant of fission yeast. <b>2000</b> , 79, 83-90	0
1755	Overexpression of apc10 + in fission yeast can suppress the temperature sensitivity of nuc2-663 mutant but not its sterility. <b>2000</b> , 34, 684-690	1

1754	Trk1 and Trk2 define the major K(+) transport system in fission yeast. <b>2000</b> , 182, 394-9	38
1753	Novel WD-repeat protein Mip1p facilitates function of the meiotic regulator Mei2p in fission yeast. <b>2000</b> , 20, 1234-42	46
1752	Isolation and cloning of four subunits of a fission yeast TFIIIC complex that includes an ortholog of the human regulatory protein TFIIICbeta. <b>2000</b> , 275, 31480-7	22
1751	The stability of the Cdc6 protein is regulated by cyclin-dependent kinase/cyclin B complexes in <i>Saccharomyces cerevisiae</i> . <b>2000</b> , 275, 9734-41	42
1750	Mex67p of <i>Schizosaccharomyces pombe</i> interacts with Rae1p in mediating mRNA export. <b>2000</b> , 20, 8767-82	63
1749	Cloning of a calmodulin kinase I homologue from <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 275, 685-90	26
1748	Tea2p is a kinesin-like protein required to generate polarized growth in fission yeast. <b>2000</b> , 151, 15-28	116
1747	Byr4 localizes to spindle-pole bodies in a cell cycle-regulated manner to control Cdc7 localization and septation in fission yeast. <b>2000</b> , 275, 14381-7	42
1746	A rapid genetic screening system for identifying gene-specific suppression constructs for use in human cells. <b>2000</b> , 28, E15	5
1745	Multistep phosphorelay proteins transmit oxidative stress signals to the fission yeast stress-activated protein kinase. <b>2000</b> , 11, 1169-81	135
1744	Alternative excision repair pathway of UV-damaged DNA in <i>Schizosaccharomyces pombe</i> operates both in nucleus and in mitochondria. <b>2000</b> , 275, 11824-8	22
1743	Mik1 levels accumulate in S phase and may mediate an intrinsic link between S phase and mitosis. <b>2000</b> , 97, 2579-84	62
1742	Sid4p is required to localize components of the septation initiation pathway to the spindle pole body in fission yeast. <b>2000</b> , 97, 5249-54	105
1741	Mechanisms of <i>sod2</i> gene amplification in <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 11, 873-86	22
1740	Analysis of mid1p, a protein required for placement of the cell division site, reveals a link between the nucleus and the cell surface in fission yeast. <b>2000</b> , 11, 2757-73	172
1739	Fission yeast retrotransposon Tf1 integration is targeted to 5' ends of open reading frames. <b>2000</b> , 28, 4709-16	43
1738	Phosphatidylinositol 4-phosphate 5-kinase Its3 and calcineurin Ppb1 coordinately regulate cytokinesis in fission yeast. <b>2000</b> , 275, 35600-6	83
1737	Identification of <i>rpaP1-5</i> and <i>rpaP2-6</i> genes encoding two additional variants of the 60S acidic ribosomal proteins of <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 43, 205-7	1

1736	The influence of antisense gene location on target gene suppression in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 10, 29-34	8
1735	Regulation of mitotic inhibitor Mik1 helps to enforce the DNA damage checkpoint. <b>2000</b> , 11, 1-11	66
1734	Biochemical and genetic conservation of fission yeast Dsk1 and human SR protein-specific kinase 1. <b>2000</b> , 20, 816-24	27
1733	The fission yeast ran GTPase is required for microtubule integrity. <b>2000</b> , 151, 1101-11	52
1732	Phenotypes of fission yeast defective in ubiquinone production due to disruption of the gene for p-hydroxybenzoate polyprenyl diphosphate transferase. <b>2000</b> , 182, 6933-9	66
1731	Analysis of fission yeast primase defines the checkpoint responses to aberrant S phase initiation. <b>2000</b> , 20, 7853-66	18
1730	Nuclear import of the retrotransposon Tf1 is governed by a nuclear localization signal that possesses a unique requirement for the FXFG nuclear pore factor Nup124p. <b>2000</b> , 20, 7798-812	39
1729	Characterization of <i>Schizosaccharomyces pombe</i> Hus1: a PCNA-related protein that associates with Rad1 and Rad9. <b>2000</b> , 20, 1254-62	206
1728	<i>Schizosaccharomyces pombe</i> rho2p GTPase regulates cell wall alpha-glucan biosynthesis through the protein kinase pck2p. <b>2000</b> , 11, 4393-401	79
1727	Genetic studies with the fission yeast <i>Schizosaccharomyces pombe</i> suggest involvement of wee1, ppa2, and rad24 in induction of cell cycle arrest by human immunodeficiency virus type 1 Vpr. <b>2000</b> , 74, 2636-46	62
1726	Conservation of heterochromatin protein 1 function. <b>2000</b> , 20, 6970-83	111
1725	Analysis of a gene encoding Rpn10 of the fission yeast proteasome reveals that the polyubiquitin-binding site of this subunit is essential when Rpn12/Mts3 activity is compromised. <b>2000</b> , 275, 15182-92	67
1724	A mutation in gamma-tubulin alters microtubule dynamics and organization and is synthetically lethal with the kinesin-like protein pkl1p. <b>2000</b> , 11, 1225-39	114
1723	Spy1, a histidine-containing phosphotransfer signaling protein, regulates the fission yeast cell cycle through the Mcs4 response regulator. <b>2000</b> , 182, 4868-74	41
1722	Fission yeast myosin-I, Myo1p, stimulates actin assembly by Arp2/3 complex and shares functions with WASp. <b>2000</b> , 151, 789-800	143
1721	Mechanism of caffeine-induced checkpoint override in fission yeast. <b>2000</b> , 20, 4288-94	64
1720	<i>Schizosaccharomyces pombe</i> Hsk1p is a potential cds1p target required for genome integrity. <b>2000</b> , 20, 7922-32	69
1719	The survival motor neuron protein of <i>Schizosaccharomyces pombe</i> . Conservation of survival motor neuron interaction domains in divergent organisms. <b>2000</b> , 275, 23841-6	59



1718	The <i>puc1</i> cyclin regulates the G1 phase of the fission yeast cell cycle in response to cell size. <b>2000</b> , 11, 543-54	50
1717	<i>Nic1p</i> , a relative of bacterial transition metal permeases in <i>Schizosaccharomyces pombe</i> , provides nickel ion for urease biosynthesis. <b>2000</b> , 275, 18029-33	41
1716	Fission yeast <i>Eso1p</i> is required for establishing sister chromatid cohesion during S phase. <b>2000</b> , 20, 3459-69	154
1715	Fission yeast homologs of human CENP-B have redundant functions affecting cell growth and chromosome segregation. <b>2000</b> , 20, 2852-64	49
1714	The stress-activated MAP kinase <i>Sty1/Spc1</i> and a 3'-regulatory element mediate UV-induced expression of the <i>uvi15(+)</i> gene at the post-transcriptional level. <b>2000</b> , 28, 3392-402	8
1713	A <i>pcl</i> -like cyclin activates the <i>Res2p-Cdc10p</i> cell cycle "start" transcriptional factor complex in fission yeast. <b>2000</b> , 11, 2845-62	45
1712	Isolation of an essential <i>Schizosaccharomyces pombe</i> gene, <i>prp31(+)</i> , that links splicing and meiosis. <b>2000</b> , 28, 2214-20	10
1711	Insertional mutagenesis based on illegitimate recombination in <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 28, E53	27
1710	Myosin-II tails confer unique functions in <i>Schizosaccharomyces pombe</i> : characterization of a novel myosin-II tail. <b>2000</b> , 11, 79-91	53
1709	A role for the START gene-specific transcription factor complex in the inactivation of cyclin B and <i>Cut2</i> destruction. <b>2000</b> , 11, 3411-24	11
1708	A fission yeast homolog of <i>Int-6</i> , the mammalian oncoprotein and <i>elF3</i> subunit, induces drug resistance when overexpressed. <b>2000</b> , 11, 3993-4003	39
1707	<i>Tol1</i> , a fission yeast phosphomonoesterase, is an <i>in vivo</i> target of lithium, and its deletion leads to sulfite auxotrophy. <b>2000</b> , 182, 3619-25	14
1706	Characterization of <i>tpp1(+)</i> as encoding a main trehalose-6P phosphatase in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 182, 5880-4	17
1705	Comparative analysis of artificial antisense RNA regulation in fission yeast and human cells. <b>2000</b> , 268, 8-13	5
1704	<i>yam8(+)</i> , a <i>Schizosaccharomyces pombe</i> gene, is a potential homologue of the <i>Saccharomyces cerevisiae</i> <i>MID1</i> gene encoding a stretch-activated $\text{Ca}^{2+}$ -permeable channel. <b>2000</b> , 269, 265-9	13
1703	Identification of a 26S proteasome-associated UCH in fission yeast. <b>2000</b> , 272, 270-5	58
1702	The polyubiquitin gene is essential for meiosis in fission yeast. <b>2000</b> , 254, 143-52	26
1701	Periodic accumulation of <i>cdc15</i> mRNA is not necessary for septation in <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 302, 751-9	5

1700	swi1 and swi3 perform imprinting, pausing, and termination of DNA replication in <i>S. pombe</i> . <b>2000</b> , 102, 745-51	140
1699	CLIP170-like tip1p spatially organizes microtubular dynamics in fission yeast. <b>2000</b> , 102, 695-704	241
1698	<i>Schizosaccharomyces pombe</i> Rad9 contains a BH3-like region and interacts with the anti-apoptotic protein Bcl-2. <b>2000</b> , 481, 122-6	36
1697	The <i>S. pombe</i> sep1 gene encodes a nuclear protein that is required for periodic expression of the cdc15 gene. <b>2000</b> , 481, 105-8	28
1696	Regulation of Wee1 kinase in response to protein synthesis inhibition. <b>2000</b> , 486, 305-9	17
1695	Efflux system for pyridoxine in <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 64, 2675-9	6
1694	Characterization of the manganese-containing superoxide dismutase and its gene regulation in stress response of <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 283, 908-14	40
1693	Negative regulation of filamentous growth and flocculation by Lkh1, a fission yeast LAMMER kinase homolog. <b>2001</b> , 289, 1237-42	28
1692	Fission yeast nascent polypeptide-associated complex binds to four-way DNA junctions. <b>2001</b> , 306, 703-16	11
1691	The fission yeast Taz1 protein protects chromosomes from Ku-dependent end-to-end fusions. <b>2001</b> , 7, 55-63	136
1690	<i>Schizosaccharomyces pombe</i> och1(+) encodes alpha-1,6-mannosyltransferase that is involved in outer chain elongation of N-linked oligosaccharides. <b>2001</b> , 489, 75-80	35
1689	The fission yeast meiotic regulator Mei2p undergoes nucleocytoplasmic shuttling. <b>2001</b> , 499, 251-5	24
1688	mik1(+) G1-S transcription regulates mitotic entry in fission yeast. <b>2001</b> , 503, 131-4	19
1687	The protein phosphatase 2A B'-regulatory subunit par1p is implicated in regulation of the <i>S. pombe</i> septation initiation network. <b>2001</b> , 508, 136-42	33
1686	Mus81-Eme1 are essential components of a Holliday junction resolvase. <b>2001</b> , 107, 537-48	450
1685	Mutation in the prp12+ gene encoding a homolog of SAP130/SF3b130 causes differential inhibition of pre-mRNA splicing and arrest of cell-cycle progression in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 7, 671-81	26
1684	Chromodomain protein Swi6-mediated role of DNA polymerase alpha in establishment of silencing in fission Yeast. <b>2001</b> , 276, 47814-21	27
1683	Characterization of a fission yeast mutant which displays defects in cell wall integrity and cytokinesis. <b>2001</b> , 76, 257-69	7

1682	Pac1 ribonuclease of <i>Schizosaccharomyces pombe</i> . <i>Methods in Enzymology</i> , <b>2001</b> , 342, 168-93	1.7	5
1681	Roles of a fimbrin and an alpha-actinin-like protein in fission yeast cell polarization and cytokinesis. <b>2001</b> , 12, 1061-77		128
1680	Multiple redundant sequence elements within the fission yeast <i>ura4</i> replication origin enhancer. <b>2001</b> , 2, 1		17
1679	Hsp90 chaperone complexes are required for the activity and stability of yeast protein kinases Mik1, Wee1 and Swe1. <b>2001</b> , 268, 2281-9		45
1678	Identification and functional analysis of the gene for type I myosin in fission yeast. <b>2001</b> , 6, 187-99		34
1677	Functional analysis of the C-terminal cytoplasmic region of the M-factor receptor in fission yeast. <b>2001</b> , 6, 201-14		28
1676	Fission yeast homologues of the B' subunit of protein phosphatase 2A: multiple roles in mitotic cell division and functional interaction with calcineurin. <b>2001</b> , 6, 455-73		15
1675	The RGS domain-containing fission yeast protein, Rgs1p, regulates pheromone signalling and is required for mating. <b>2001</b> , 6, 789-802		17
1674	Interaction of fission yeast ORC with essential adenine/thymine stretches in replication origins. <b>2001</b> , 6, 837-49		20
1673	Characterization of GTPase-activating proteins for the function of the Rho-family small GTPases in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 6, 1031-42		32
1672	Functional characterization of the alpha-glucoside transporter Sut1p from <i>Schizosaccharomyces pombe</i> , the first fungal homologue of plant sucrose transporters. <b>2001</b> , 39, 445-54		53
1671	Failure to farnesylate Rheb protein contributes to the enrichment of G0/G1 phase cells in the <i>Schizosaccharomyces pombe</i> farnesyltransferase mutant. <b>2001</b> , 41, 1339-47		59
1670	Hut1 proteins identified in <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> are functional homologues involved in the protein-folding process at the endoplasmic reticulum. <b>2001</b> , 18, 543-54		32
1669	Vectors and gene targeting modules for tandem affinity purification in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 18, 657-62		132
1668	Functional characterization of Gms1p/UDP-galactose transporter in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 18, 745-57		28
1667	Characterization of a <i>Schizosaccharomyces pombe</i> mutant deficient in UDP-galactose transport activity. <b>2001</b> , 18, 903-14		26
1666	High efficiency transformation of <i>Schizosaccharomyces pombe</i> pretreated with thiol compounds by electroporation. <b>2001</b> , 18, 1015-21		73
1665	Functional analysis of the <i>Neurospora crassa</i> PZL-1 protein phosphatase by expression in budding and fission yeast. <b>2001</b> , 18, 115-24		20

1664	The cyclic AMP/PKA signal pathway is required for initiation of spore germination in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 18, 207-17	47
1663	Primary structure of the <i>Plasmodium vivax</i> <i>crk2</i> gene and interference of the yeast cell cycle upon its conditional expression. <b>2001</b> , 97, 119-28	5
1662	Fission yeast Prp4p kinase regulates pre-mRNA splicing by phosphorylating a non-SR-splicing factor. <b>2001</b> , 2, 35-41	33
1661	Specificity of Cdk activation in vivo by the two Caks Mcs6 and Csk1 in fission yeast. <b>2001</b> , 20, 82-90	26
1660	Fission yeast ch-TOG/XMAP215 homologue Alp14 connects mitotic spindles with the kinetochore and is a component of the Mad2-dependent spindle checkpoint. <b>2001</b> , 20, 3389-401	118
1659	A novel meiosis-specific protein of fission yeast, Meu13p, promotes homologous pairing independently of homologous recombination. <b>2001</b> , 20, 3871-81	73
1658	Expression of Cdc18/Cdc6 and Cdt1 during G2 phase induces initiation of DNA replication. <b>2001</b> , 20, 4648-56	72
1657	Establishment and maintenance of sister chromatid cohesion in fission yeast by a unique mechanism. <b>2001</b> , 20, 5779-90	126
1656	Regulation of replication timing in fission yeast. <b>2001</b> , 20, 6115-26	105
1655	Fission yeast Rad50 stimulates sister chromatid recombination and links cohesion with repair. <b>2001</b> , 20, 6660-71	93
1654	Fission yeast Pom1p kinase activity is cell cycle regulated and essential for cellular symmetry during growth and division. <b>2001</b> , 20, 1064-73	76
1653	The role of Plo1 kinase in mitotic commitment and septation in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 20, 1259-70	125
1652	Regulation of premeiotic S phase and recombination-related double-strand DNA breaks during meiosis in fission yeast. <b>2001</b> , 28, 290-3	52
1651	Mrc1 channels the DNA replication arrest signal to checkpoint kinase Cds1. <b>2001</b> , 3, 966-72	200
1650	Feedback regulation of the MBF transcription factor by cyclin Cig2. <b>2001</b> , 3, 1043-50	47
1649	A "no-hybrids" screen for functional antagonizers of human p53 transactivator function: dominant negativity in fission yeast. <b>2001</b> , 20, 6001-8	9
1648	Pre-meiotic S phase is linked to reductional chromosome segregation and recombination. <b>2001</b> , 409, 359-63	126
1647	Fission yeast Bub1 is essential in setting up the meiotic pattern of chromosome segregation. <b>2001</b> , 3, 522-6	101

1646	The art and design of genetic screens: yeast. <b>2001</b> , 2, 659-68	194
1645	<i>S. pombe</i> cdc11p, together with sid4p, provides an anchor for septation initiation network proteins on the spindle pole body. <b>2001</b> , 11, 1559-68	89
1644	A DNA replication-arrest site RTS1 regulates imprinting by determining the direction of replication at mat1 in <i>S. pombe</i> . <b>2001</b> , 15, 2060-8	93
1643	A second eIF4E protein in <i>Schizosaccharomyces pombe</i> has distinct eIF4G-binding properties. <b>2001</b> , 29, 4561-9	30
1642	Rapamycin blocks sexual development in fission yeast through inhibition of the cellular function of an FKBP12 homolog. <b>2001</b> , 276, 24736-42	38
1641	The Ndc80p complex from <i>Saccharomyces cerevisiae</i> contains conserved centromere components and has a function in chromosome segregation. <b>2001</b> , 152, 349-60	275
1640	The <i>Schizosaccharomyces pombe</i> spo20(+) gene encoding a homologue of <i>Saccharomyces cerevisiae</i> Sec14 plays an important role in forespore membrane formation. <b>2001</b> , 12, 901-17	70
1639	Study of cyclin proteolysis in anaphase-promoting complex (APC) mutant cells reveals the requirement for APC function in the final steps of the fission yeast septation initiation network. <b>2001</b> , 21, 6681-94	46
1638	Cdc4p, a contractile ring protein essential for cytokinesis in <i>Schizosaccharomyces pombe</i> , interacts with a phosphatidylinositol 4-kinase. <b>2001</b> , 276, 5932-42	33
1637	Threonine-11, phosphorylated by Rad3 and atm in vitro, is required for activation of fission yeast checkpoint kinase Cds1. <b>2001</b> , 21, 3398-404	47
1636	Its8, a fission yeast homolog of Mcd4 and Pig-n, is involved in GPI anchor synthesis and shares an essential function with calcineurin in cytokinesis. <b>2001</b> , 276, 13579-86	33
1635	The fission yeast TOR homolog, tor1+, is required for the response to starvation and other stresses via a conserved serine. <b>2001</b> , 276, 7027-32	155
1634	A point mutation in nucleoside diphosphate kinase results in a deficient light response for perithecial polarity in <i>Neurospora crassa</i> . <b>2001</b> , 276, 21228-34	34
1633	The Cdc42p GTPase and its regulators Nrf1p and Scd1p are involved in endocytic trafficking in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 276, 3004-9	31
1632	Two WD repeat-containing TATA-binding protein-associated factors in fission yeast that suppress defects in the anaphase-promoting complex. <b>2001</b> , 276, 17117-24	29
1631	Genetic Engineering of Yeast. <b>2001</b> , 507-528	
1630	Human BIN3 complements the F-actin localization defects caused by loss of Hob3p, the fission yeast homolog of Rvs161p. <b>2001</b> , 276, 21670-7	18
1629	Antizyme regulates the degradation of ornithine decarboxylase in fission yeast <i>Schizosaccharomyces pombe</i> . Study in the spe2 knockout strains. <b>2001</b> , 276, 21235-41	22

1628	Isolation of a novel gene from <i>Schizosaccharomyces pombe</i> : <i>stm1+</i> encoding a seven-transmembrane loop protein that may couple with the heterotrimeric Galpha 2 protein, <i>Gpa2</i> . <b>2001</b> , 276, 40190-201	50
1627	Identification of a novel high affinity copper transport complex in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 276, 20529-35	89
1626	The <i>Schizosaccharomyces pombe spo3+</i> gene is required for assembly of the forespore membrane and genetically interacts with <i>psy1(+)</i> -encoding syntaxin-like protein. <b>2001</b> , 12, 3955-72	121
1625	Localization of fission yeast type II myosin, <i>Myo2</i> , to the cytokinetic actin ring is regulated by phosphorylation of a C-terminal coiled-coil domain and requires a functional septation initiation network. <b>2001</b> , 12, 4044-53	27
1624	Involvement of <i>Schizosaccharomyces pombe Srs2</i> in cellular responses to DNA damage. <b>2001</b> , 29, 2963-72	36
1623	Comprehensive isolation of meiosis-specific genes identifies novel proteins and unusual non-coding transcripts in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 29, 2327-37	64
1622	Expression of <i>hsp16</i> in response to nucleotide depletion is regulated via the <i>spc1</i> MAPK pathway in <i>Schizosaccharomyces pombe</i> . <b>2001</b> , 29, 3030-40	26
1621	The <i>Arabidopsis</i> sensor His-kinase, <i>AHk4</i> , can respond to cytokinins. <b>2001</b> , 42, 107-13	344
1620	Role of fission yeast primase catalytic subunit in the replication checkpoint. <b>2001</b> , 12, 115-28	17
1619	Control of DNA rereplication via <i>Cdc2</i> phosphorylation sites in the origin recognition complex. <b>2001</b> , 21, 5767-77	78
1618	Fission yeast <i>Rad17</i> associates with chromatin in response to aberrant genomic structures. <b>2001</b> , 21, 3289-301	37
1617	Peroxide sensors for the fission yeast stress-activated mitogen-activated protein kinase pathway. <b>2001</b> , 12, 407-19	147
1616	Fission yeast <i>Aip3p</i> ( <i>spAip3p</i> ) is required for an alternative actin-directed polarity program. <b>2001</b> , 12, 1275-91	16
1615	Structure-function analysis of fission yeast <i>Hus1-Rad1-Rad9</i> checkpoint complex. <b>2001</b> , 12, 3744-58	43
1614	Two related kinesins, <i>klp5+</i> and <i>klp6+</i> , foster microtubule disassembly and are required for meiosis in fission yeast. <b>2001</b> , 12, 3919-32	117
1613	<i>pkl1(+)</i> and <i>klp2(+)</i> : Two kinesins of the <i>Kar3</i> subfamily in fission yeast perform different functions in both mitosis and meiosis. <b>2001</b> , 12, 3476-88	96
1612	Binding and repair of mismatched DNA mediated by <i>Rhp14</i> , the fission yeast homologue of human XPA. <b>2001</b> , 276, 30766-72	12
1611	<i>Schizosaccharomyces pombe</i> cells lacking the amino-terminal catalytic domains of DNA polymerase epsilon are viable but require the DNA damage checkpoint control. <b>2001</b> , 21, 4495-504	102

1610	Roles of the mitotic inhibitors Wee1 and Mik1 in the G(2) DNA damage and replication checkpoints. <b>2001</b> , 21, 1499-508	66
1609	Interactions among a fimbrin, a capping protein, and an actin-depolymerizing factor in organization of the fission yeast actin cytoskeleton. <b>2001</b> , 12, 3515-26	67
1608	Dynamic behavior of microtubules during dynein-dependent nuclear migrations of meiotic prophase in fission yeast. <b>2001</b> , 12, 3933-46	57
1607	Regulation of initiation of S phase, replication checkpoint signaling, and maintenance of mitotic chromosome structures during S phase by Hsk1 kinase in the fission yeast. <b>2001</b> , 12, 1257-74	86
1606	Identification of two type V myosins in fission yeast, one of which functions in polarized cell growth and moves rapidly in the cell. <b>2001</b> , 12, 1367-80	79
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1603	The fission yeast ubiquitin-conjugating enzymes UbcP3, Ubc15, and Rhp6 affect transcriptional silencing of the mating-type region. <b>2002</b> , 1, 613-25	14
1602	Polo boxes and Cut23 (Apc8) mediate an interaction between polo kinase and the anaphase-promoting complex for fission yeast mitosis. <b>2002</b> , 156, 23-8	34
1601	The Srk1 protein kinase is a target for the Sty1 stress-activated MAPK in fission yeast. <b>2002</b> , 277, 33411-21	59
1600	Surplus zinc is handled by Zym1 metallothionein and Zhf endoplasmic reticulum transporter in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 277, 30394-400	58
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1598	The Arabidopsis HOBBIT gene encodes a CDC27 homolog that links the plant cell cycle to progression of cell differentiation. <b>2002</b> , 16, 2566-75	138
1597	Roles of fission yeast tea1p in the localization of polarity factors and in organizing the microtubular cytoskeleton. <b>2002</b> , 157, 783-93	83
1596	Fission yeast Mad3p is required for Mad2p to inhibit the anaphase-promoting complex and localizes to kinetochores in a Bub1p-, Bub3p-, and Mph1p-dependent manner. <b>2002</b> , 22, 2728-42	120
1595	The unique centromeric chromatin structure of <i>Schizosaccharomyces pombe</i> is maintained during meiosis. <b>2002</b> , 277, 19817-22	4
1594	The AtRbx1 protein is part of plant SCF complexes, and its down-regulation causes severe growth and developmental defects. <b>2002</b> , 277, 50069-80	54
1593	Crp79p, like Mex67p, is an auxiliary mRNA export factor in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 13, 2571-84	8

1592	Fission yeast CENP-B homologs nucleate centromeric heterochromatin by promoting heterochromatin-specific histone tail modifications. <b>2002</b> , 16, 1766-78	84
1591	The <i>Schizosaccharomyces pombe</i> mgU6-47 gene is required for 2'-O-methylation of U6 snRNA at A41. <b>2002</b> , 30, 894-902	36
1590	The fission yeast pfh1(+) gene encodes an essential 5' to 3' DNA helicase required for the completion of S-phase. <b>2002</b> , 30, 4728-39	42
1589	Fission yeast F-box protein Pof3 is required for genome integrity and telomere function. <b>2002</b> , 13, 211-24	40
1588	The spindle pole body protein Cdc11p links Sid4p to the fission yeast septation initiation network. <b>2002</b> , 13, 1203-14	72
1587	The 14-kDa dynein light chain-family protein Dlc1 is required for regular oscillatory nuclear movement and efficient recombination during meiotic prophase in fission yeast. <b>2002</b> , 13, 930-46	78
1586	Role of fission yeast Tup1-like repressors and Prr1 transcription factor in response to salt stress. <b>2002</b> , 13, 2977-89	39
1585	Cytoplasmic localization of Wis1 MAPKK by nuclear export signal is important for nuclear targeting of Spc1/Sty1 MAPK in fission yeast. <b>2002</b> , 13, 2651-63	32
1584	Cytoplasmic poly(A) polymerases mediate cellular responses to S phase arrest. <b>2002</b> , 99, 12079-84	93
1583	Mus81-Eme1 and Rqh1 involvement in processing stalled and collapsed replication forks. <b>2002</b> , 277, 32753-9	192
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1581	Dominant genetic screen for cofactors that enhance antisense RNA-mediated gene silencing in fission yeast. <b>2002</b> , 30, 2546-54	12
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1579	Characterization of the fission yeast ribosomal DNA binding factor: components share homology with Upstream Activating Factor and with SWI/SNF subunits. <b>2002</b> , 30, 5347-59	7
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1577	The Arabidopsis PILZ group genes encode tubulin-folding cofactor orthologs required for cell division but not cell growth. <b>2002</b> , 16, 959-71	135
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1575	The serine/threonine kinase Cmk2 is required for oxidative stress response in fission yeast. <b>2002</b> , 277, 17722-7	44



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1573	Proteomics analysis reveals stable multiprotein complexes in both fission and budding yeasts containing Myb-related Cdc5p/Cef1p, novel pre-mRNA splicing factors, and snRNAs. <b>2002</b> , 22, 2011-24	179
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1571	Purification and characterization of the <i>Schizosaccharomyces pombe</i> origin recognition complex: interaction with origin DNA and Cdc18 protein. <b>2002</b> , 277, 16920-7	36
1570	Purification and characterization of pyridoxal 4-dehydrogenase from <i>Aureobacterium luteolum</i> . <b>2002</b> , 66, 543-8	9
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1568	A long terminal repeat retrotransposon of fission yeast has strong preferences for specific sites of insertion. <b>2002</b> , 1, 44-55	62
1567	The fission yeast ES2 homologue, Bis1, interacts with the Ish1 stress-responsive nuclear envelope protein. <b>2002</b> , 277, 10562-72	24
1566	Structure of the plant alternative oxidase. Site-directed mutagenesis provides new information on the active site and membrane topology. <b>2002</b> , 277, 1190-4	58
1565	A single unbranched S-phase DNA damage and replication fork blockage checkpoint pathway. <b>2002</b> , 99, 7472-7	61
1564	The endoplasmic reticulum cation P-type ATPase Cta4p is required for control of cell shape and microtubule dynamics. <b>2002</b> , 157, 1029-39	42
1563	Two ubiquitin-conjugating enzymes, Rhp6 and UbcX, regulate heterochromatin silencing in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 22, 8366-74	10
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1561	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
1560	Regulation of insulin-like growth factor type I (IGF-I) receptor kinase activity by protein tyrosine phosphatase 1B (PTP-1B) and enhanced IGF-I-mediated suppression of apoptosis and motility in PTP-1B-deficient fibroblasts. <b>2002</b> , 22, 1998-2010	105
1559	The <i>Schizosaccharomyces pombe</i> rad60 gene is essential for repairing double-strand DNA breaks spontaneously occurring during replication and induced by DNA-damaging agents. <b>2002</b> , 22, 3537-48	54
1558	Localization of the (1,3)beta-D-glucan synthase catalytic subunit homologue Bgs1p/Cps1p from fission yeast suggests that it is involved in septation, polarized growth, mating, spore wall formation and spore germination. <b>2002</b> , 115, 4081-96	113
1557	Formation of a carboxy-terminal domain phosphatase (Fcp1)/TFIIF/RNA polymerase II (pol II) complex in <i>Schizosaccharomyces pombe</i> involves direct interaction between Fcp1 and the Rpb4 subunit of pol II. <b>2002</b> , 22, 1577-88	90

1556	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
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1548	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
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1544	Identification of an IGF-1R kinase regulatory phosphatase using the fission yeast <i>Schizosaccharomyces pombe</i> and a GFP tagged IGF-1R in mammalian cells. <b>2002</b> , 55, 46-54	17
1543	The small GTPase Rho3 and the diaphanous/formin For3 function in polarized cell growth in fission yeast. <b>2002</b> , 115, 4629-39	98
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1541	Multiple Cdk1 inhibitory kinases regulate the cell cycle during development. <b>2002</b> , 249, 156-73	41
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1532	Development of a test system for inhibitors of human aldosterone synthase (CYP11B2): screening in fission yeast and evaluation of selectivity in V79 cells. <b>2002</b> , 81, 173-9	75
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1515	Cold induces stress-activated protein kinase-mediated response in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 269, 5056-65	43
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1496	Competitive processivity-clamp usage by DNA polymerases during DNA replication and repair. <b>2003</b> , 22, 6408-18	93
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1494	Localization and functional characterization of metal-binding sites in phytochelatin synthases. <b>2003</b> , 218, 300-8	67
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1491	Functional comparison of homologous members of three groups of Kunitz-type enzyme inhibitors from potato tubers ( <i>Solanum tuberosum</i> L.). <b>2003</b> , 269, 535-41	46
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1489	Dual interaction of plant PCNA with geminivirus replication accessory protein (Ren) and viral replication protein (Rep). <b>2003</b> , 312, 381-94	110
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1454	Overview of <i>Schizosaccharomyces pombe</i> . <b>2003</b> , Chapter 13, Unit 13.14	5
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1440	Physical and functional interactions between polo kinase and the spindle pole component Cut12 regulate mitotic commitment in S. pombe. <b>2003</b> , 17, 1507-23	49
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1434	A novel jmjC domain protein modulates heterochromatization in fission yeast. <b>2003</b> , 23, 4356-70	115
1433	Fission yeast meu14+ is required for proper nuclear division and accurate forespore membrane formation during meiosis II. <b>2003</b> , 116, 2721-35	41
1432	Schizosaccharomyces pombe Rdh54 (TID1) acts with Rhp54 (RAD54) to repair meiotic double-strand breaks. <b>2003</b> , 14, 4707-20	43
1431	Swi1 prevents replication fork collapse and controls checkpoint kinase Cds1. <b>2003</b> , 23, 7861-74	146



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1428	The fission yeast spo14+ gene encoding a functional homologue of budding yeast Sec12 is required for the development of forespore membranes. <b>2003</b> , 14, 1109-24	44
1427	A long terminal repeat-containing retrotransposon of <i>Schizosaccharomyces pombe</i> expresses a Gag-like protein that assembles into virus-like particles which mediate reverse transcription. <b>2003</b> , 77, 5451-63	22
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1423	A Tudor protein with multiple SNC domains from pea seedlings: cellular localization, partial characterization, sequence analysis, and phylogenetic relationships. <b>2003</b> , 54, 971-83	31
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1420	<i>Schizosaccharomyces pombe</i> Dpb2 binds to origin DNA early in S phase and is required for chromosomal DNA replication. <b>2003</b> , 14, 3427-36	25
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1417	Interactions between centromere complexes in <i>Saccharomyces cerevisiae</i> . <b>2003</b> , 14, 4931-46	78
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1415	HMGB1 inhibits cell death in yeast and mammalian cells and is abundantly expressed in human breast carcinoma. <b>2003</b> , 17, 1295-7	166
1414	TRAP230/ARC240 and TRAP240/ARC250 Mediator subunits are functionally conserved through evolution. <b>2003</b> , 100, 6422-7	100
1413	RNA interference machinery regulates chromosome dynamics during mitosis and meiosis in fission yeast. <b>2003</b> , 100, 193-8	268

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1409	Cop9/signalosome subunits and Pcu4 regulate ribonucleotide reductase by both checkpoint-dependent and -independent mechanisms. <b>2003</b> , 17, 1130-40	148
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1273	Dynamics of homologous chromosome pairing during meiotic prophase in fission yeast. <b>2004</b> , 6, 329-41	198
1272	Cell viability and secretion of active proteins in <i>Schizosaccharomyces pombe</i> do not require the chaperone function of calnexin. <b>2004</b> , 380, 441-8	17
1271	p120 Ras GTPase-activating protein associates with fibroblast growth factor receptors in <i>Drosophila</i> . <b>2004</b> , 380, 767-74	13
1270	A single Argonaute protein mediates both transcriptional and posttranscriptional silencing in <i>Schizosaccharomyces pombe</i> . <b>2004</b> , 18, 2359-67	109
1269	A microbial TRP-like polycystic-kidney-disease-related ion channel gene. <b>2005</b> , 387, 211-9	32

1268	The cation-transporting P-type ATPase Cta4 is required for assembly of the forespore membrane in fission yeast. <b>2005</b> , 80, 317-24	5
1267	Effects of exogenous ubiquitin on cell division cycle mutants of <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 244, 187-91	7
1266	The appearances of autolytic and apoptotic markers are concomitant but differently regulated in carbon-starving <i>Aspergillus nidulans</i> cultures. <b>2005</b> , 251, 297-303	37
1265	Efficient conversion of 11-deoxycortisol to cortisol (hydrocortisone) by recombinant fission yeast <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 5, 621-5	52
1264	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 <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 48, 151-61	28
1263	The <i>Arabidopsis</i> CDC25 induces a short cell length when overexpressed in fission yeast: evidence for cell cycle function. <b>2005</b> , 165, 425-8	29
1262	Protein O-mannosylation is crucial for cell wall integrity, septation and viability in fission yeast. <b>2005</b> , 57, 156-70	73
1261	Identification of novel single amino acid changes that result in hyperactivation of the unique GTPase, Rheb, in fission yeast. <b>2005</b> , 58, 1074-86	76
1260	Studies of <i>Schizosaccharomyces pombe</i> TFIIE indicate conformational and functional changes in RNA polymerase II at transcription initiation. <b>2005</b> , 10, 207-24	12
1259	A novel pathway determining multidrug sensitivity in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 10, 941-51	11
1258	Rho1-GEFs Rgf1 and Rgf2 are involved in formation of cell wall and septum, while Rgf3 is involved in cytokinesis in fission yeast. <b>2005</b> , 10, 1189-202	41
1257	Loss of RanGEF/Pim1 activity abolishes the orchestration of Ran-mediated mitotic cellular events in <i>S. pombe</i> . <b>2006</b> , 11, 29-46	7
1256	RMI1/NCE4, a suppressor of genome instability, encodes a member of the RecQ helicase/Topo III complex. <b>2005</b> , 24, 2024-33	139
1255	Etd1p is a novel protein that links the SIN cascade with cytokinesis. <b>2005</b> , 24, 2436-46	23
1254	Homolog of BRCA2-interacting Dss1p and Uap56p link Mlo3p and Rae1p for mRNA export in fission yeast. <b>2005</b> , 24, 2512-23	43
1253	The DASH complex and Klp5/Klp6 kinesin coordinate bipolar chromosome attachment in fission yeast. <b>2005</b> , 24, 2931-43	115
1252	Taz1, Rap1 and Rif1 act both interdependently and independently to maintain telomeres. <b>2005</b> , 24, 3128-35	96
1251	Fission yeast MO25 protein is localized at SPB and septum and is essential for cell morphogenesis. <b>2005</b> , 24, 3012-25	56

1250	Multistep and multimode cortical anchoring of tea1p at cell tips in fission yeast. <b>2005</b> , 24, 3690-9	80
1249	Fission yeast Mes1p ensures the onset of meiosis II by blocking degradation of cyclin Cdc13p. <b>2005</b> , 434, 529-33	68
1248	Polo kinase links the stress pathway to cell cycle control and tip growth in fission yeast. <b>2005</b> , 435, 507-12	92
1247	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
1246	Characterization of rec15, an early meiotic recombination gene in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 48, 323-33	11
1245	Moc3, a novel Zn finger type protein involved in sexual development, ascus formation, and stress response of <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 48, 345-55	14
1244	Genetic and physical interactions between <i>Schizosaccharomyces pombe</i> Mcl1 and Rad2, Dna2 and DNA polymerase alpha: evidence for a multifunctional role of Mcl1 in DNA replication and repair. <b>2005</b> , 48, 34-43	29
1243	Functional characterization of <i>Schizosaccharomyces pombe</i> neutral trehalase altered in phosphorylatable serine residues. <b>2005</b> , 183, 394-400	3
1242	The human mineralocorticoid receptor only partially differentiates between different ligands after expression in fission yeast. <b>2005</b> , 5, 627-33	12
1241	The telomere-binding protein Taz1p as a target for modification by a SUMO-1 homologue in fission yeast. <b>2005</b> , 43, 103-17	8
1240	Expression of <i>Escherichia coli</i> AppA2 phytase in four yeast systems. <b>2005</b> , 27, 327-34	21
1239	Mpg1, a fission yeast protein required for proper septum structure, is involved in cell cycle progression through cell-size checkpoint. <b>2005</b> , 274, 155-67	8
1238	Identification of conserved polar residues important for salt tolerance by the Na <sup>+</sup> /H <sup>+</sup> exchanger of <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 268, 83-92	38
1237	Pro-oxidant action of phloxine B on fission yeast <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 22, 91-7	14
1236	Three novel antibiotic marker cassettes for gene disruption and marker switching in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 22, 1013-9	190
1235	Activation of S phase checkpoint by cigarette smoke extract in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 22, 1223-38	7
1234	Ace2p contributes to fission yeast septin ring assembly by regulating mid2+ expression. <b>2005</b> , 118, 5731-42	24
1233	Constitutive activation of the fission yeast pheromone-responsive pathway induces ectopic meiosis and reveals ste11 as a mitogen-activated protein kinase target. <b>2005</b> , 25, 2045-59	40

1232	Conserved locus-specific silencing functions of <i>Schizosaccharomyces pombe</i> sir2+. <b>2005</b> , 169, 1243-60	49
1231	Analysis of the role of phosphorylation in fission yeast Cdc13p/cyclinB function. <b>2005</b> , 280, 14591-6	2
1230	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
1229	Cytokinesis depends on the motor domains of myosin-II in fission yeast but not in budding yeast. <b>2005</b> , 16, 5346-55	80
1228	The A78V mutation in the Mad3-like domain of <i>Schizosaccharomyces pombe</i> Bub1p perturbs nuclear accumulation and kinetochore targeting of Bub1p, Bub3p, and Mad3p and spindle assembly checkpoint function. <b>2005</b> , 16, 385-95	21
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1224	Brc1-mediated DNA repair and damage tolerance. <b>2005</b> , 171, 457-68	51
1223	Differential activation of M26-containing meiotic recombination hot spots in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 170, 95-106	13
1222	Activation of AP-1-dependent transcription by a truncated translation initiation factor. <b>2005</b> , 4, 1840-50	14
1221	Meiotic S-phase damage activates recombination without checkpoint arrest. <b>2005</b> , 16, 1651-60	23
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1217	Impairment of the TFIIH-associated CDK-activating kinase selectively affects cell cycle-regulated gene expression in fission yeast. <b>2005</b> , 16, 2734-45	50
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1213	Structural and functional analysis of essential pre-mRNA splicing factor Prp19p. <b>2005</b> , 25, 451-60	68
1212	Molecular and cellular dissection of mating-type switching steps in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 25, 303-11	35
1211	The nuclear rim protein Amo1 is required for proper microtubule cytoskeleton organisation in fission yeast. <b>2005</b> , 118, 1705-14	16
1210	Response of fission yeast to toxic cations involves cooperative action of the stress-activated protein kinase Spc1/Sty1 and the Hal4 protein kinase. <b>2005</b> , 25, 3945-55	17
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1206	A role for the fission yeast Rqh1 helicase in chromosome segregation. <b>2005</b> , 118, 5777-84	33
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1203	Activation of an alternative, rec12 (spo11)-independent pathway of fission yeast meiotic recombination in the absence of a DNA flap endonuclease. <b>2005</b> , 171, 1499-511	21
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1198	Oxidation of a eukaryotic 2-Cys peroxiredoxin is a molecular switch controlling the transcriptional response to increasing levels of hydrogen peroxide. <b>2005</b> , 280, 23319-27	122
1197	A checkpoint control linking meiotic S phase and recombination initiation in fission yeast. <b>2005</b> , 102, 5797-801	38

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1195	Systematic deletion analysis of fission yeast protein kinases. <b>2005</b> , 4, 799-813	78
1194	An early step in wobble uridine tRNA modification requires the Elongator complex. <b>2005</b> , 11, 424-36	320
1193	Mcl1p is a polymerase alpha replication accessory factor important for S-phase DNA damage survival. <b>2005</b> , 4, 166-77	15
1192	Interaction of 14-3-3 protein with Chk1 affects localization and checkpoint function. <b>2005</b> , 118, 39-50	36
1191	The mating type switch-activating protein Sap1 is required for replication fork arrest at the rRNA genes of fission yeast. <b>2005</b> , 25, 8755-61	45
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1187	Endocytosis in fission yeast is spatially associated with the actin cytoskeleton during polarised cell growth and cytokinesis. <b>2005</b> , 118, 4231-42	81
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1185	Replication checkpoint kinase Cds1 regulates Mus81 to preserve genome integrity during replication stress. <b>2005</b> , 19, 919-32	97
1184	Distinct signaling pathways respond to arsenite and reactive oxygen species in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 4, 1396-402	42
1183	End4/Sla2 is involved in establishment of a new growth zone in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 118, 1843-50	36
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1180	The F-Box DNA helicase Fbh1 prevents Rhp51-dependent recombination without mediator proteins. <b>2005</b> , 25, 8084-96	103
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1177	RNA interference (RNAi)-dependent and RNAi-independent association of the Chp1 chromodomain protein with distinct heterochromatic loci in fission yeast. <b>2005</b> , 25, 2331-46	68
1176	Schizosaccharomyces pombe Swi1, Swi3, and Hsk1 are components of a novel S-phase response pathway to alkylation damage. <b>2005</b> , 25, 2770-84	69
1175	A screen for Schizosaccharomyces pombe mutants defective in rereplication identifies new alleles of rad4+, cut9+ and psf2+. <b>2005</b> , 169, 77-89	13
1174	Regulation of leucine uptake by tor1+ in Schizosaccharomyces pombe is sensitive to rapamycin. <b>2005</b> , 169, 539-50	69
1173	Dynein promotes achiasmate segregation in Schizosaccharomyces pombe. <b>2005</b> , 170, 581-90	23
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1171	A novel recombination pathway initiated by the Mre11/Rad50/Nbs1 complex eliminates palindromes during meiosis in Schizosaccharomyces pombe. <b>2005</b> , 169, 1261-74	41
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1154	Purification and partial characterization of marinocine, a new broad-spectrum antibacterial protein produced by <i>Marinomonas mediterranea</i> . <b>2005</b> , 1721, 193-203	43
1153	Vitamin B6 compounds prevent the death of yeast cells due to menadione, a reactive oxygen generator. <b>2005</b> , 1722, 84-91	30
1152	Localization and function of three monothiol glutaredoxins in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 330, 604-10	33
1151	Characterization of O-mannosyltransferase family in <i>Schizosaccharomyces pombe</i> . <b>2005</b> , 330, 813-20	21
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1147	SREBP pathway responds to sterols and functions as an oxygen sensor in fission yeast. <b>2005</b> , 120, 831-42	261
1146	Roles of base excision repair enzymes Nth1p and Apn2p from <i>Schizosaccharomyces pombe</i> in processing alkylation and oxidative DNA damage. <b>2005</b> , 4, 1270-80	20
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1130	Structure of Dicer and mechanistic implications for RNAi. <b>2006</b> , 71, 73-80	66
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1122	Basic methods for fission yeast. <b>2006</b> , 23, 173-83	360
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1118	Growth arrest and chromosome instability in aneuploid yeast. <b>2006</b> , 23, 937-50	53
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1114	Genetic and functional interaction between Ryh1 and Ypt3: two Rab GTPases that function in <i>S. pombe</i> secretory pathway. <b>2006</b> , 11, 207-21	23
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1112	Actin-capping protein is involved in controlling organization of actin cytoskeleton together with ADF/cofilin, profilin and F-actin crosslinking proteins in fission yeast. <b>2006</b> , 11, 893-905	20
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1110	Fission yeast Tor2 links nitrogen signals to cell proliferation and acts downstream of the Rheb GTPase. <b>2006</b> , 11, 1367-79	91
1109	ORFeome cloning and global analysis of protein localization in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 24, 841-7	443
1108	Histone H2B mutations in inner region affect ubiquitination, centromere function, silencing and chromosome segregation. <b>2006</b> , 25, 2420-31	22
1107	Repression of ergosterol level during oxidative stress by fission yeast F-box protein Pof14 independently of SCF. <b>2006</b> , 25, 4547-56	25

1106	Ordered assembly of Sld3, GINS and Cdc45 is distinctly regulated by DDK and CDK for activation of replication origins. <b>2006</b> , 25, 4663-74	73
1105	Microtubule depolymerization can drive poleward chromosome motion in fission yeast. <b>2006</b> , 25, 4888-96	98
1104	Genome-wide characterization of fission yeast DNA replication origins. <b>2006</b> , 25, 5171-9	169
1103	A functional analysis of PCNA-binding peptides derived from protein sequence, interaction screening and rational design. <b>2006</b> , 25, 2850-9	35
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1097	Cloning, characterisation, and heterologous expression of the <i>Candida utilis</i> malic enzyme gene. <b>2006</b> , 49, 248-58	8
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1087	A novel DNA damage recognition protein in <i>Schizosaccharomyces pombe</i> . <b>2006</b> , 34, 2347-54		21
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1083	Slx4 regulates DNA damage checkpoint-dependent phosphorylation of the BRCT domain protein Rtt107/Esc4. <b>2006</b> , 17, 539-48		75
1082	Rad22Rad52-dependent repair of ribosomal DNA repeats cleaved by Slx1-Slx4 endonuclease. <b>2006</b> , 17, 2081-90		33
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1079	Antagonism of Chk1 signaling in the G2 DNA damage checkpoint by dominant alleles of Cdr1. <b>2006</b> , 174, 113-23		11
1078	Cip1 and Cip2 are novel RNA-recognition-motif proteins that counteract Csx1 function during oxidative stress. <b>2006</b> , 17, 1176-83		19
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930	Dynein participates in chromosome segregation in fission yeast. <b>2007</b> , 99, 627-37	19
929	Alterations in mitochondrial morphology of <i>Schizosaccharomyces pombe</i> induced by cell-death promoting agents. <b>2007</b> , 52, 381-90	7
928	Six new amino acid-auxotrophic markers for targeted gene integration and disruption in fission yeast. <b>2007</b> , 52, 97-105	24
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922	The fission yeast homologue of Gle1 is essential for growth and involved in mRNA export. <b>2008</b> , 46, 422-8	4
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919	Essential and distinct roles of the F-box and helicase domains of Fbh1 in DNA damage repair. <b>2008</b> , 9, 27	14
918	Rapid regulation of protein activity in fission yeast. <b>2008</b> , 9, 23	9
917	Mutations in deoxyribonucleotide biosynthesis pathway cause spreading of silencing across heterochromatic barriers at the mating-type region of the fission yeast. <b>2008</b> , 25, 117-28	20
916	Role of heterochromatin in suppressing subtelomeric recombination in fission yeast. <b>2008</b> , 25, 537-48	9
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914	Novel interactions of fission yeast kinesin 8 revealed through in vivo expression of truncation alleles. <b>2008</b> , 65, 626-40	6
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907	HIV-1 Vpr-induced cell death in <i>Schizosaccharomyces pombe</i> is reminiscent of apoptosis. <b>2008</b> , 18, 961-73	25
906	Rad51 suppresses gross chromosomal rearrangement at centromere in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 27, 3036-46	44
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899	Fission yeast chromatin assembly factor 1 assists in the replication-coupled maintenance of heterochromatin. <b>2008</b> , 13, 1027-43	33
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887	The human homolog of fission yeast Rad17 is implicated in tumor growth. <b>2008</b> , 266, 194-202	2
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885	Characterization of the endo-beta-1,3-glucanase activity of <i>S. cerevisiae</i> Eng2 and other members of the GH81 family. <b>2008</b> , 45, 542-53	36
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882	Gene tagging and gene replacement using recombinase-mediated cassette exchange in <i>Schizosaccharomyces pombe</i> . <b>2008</b> , 407, 63-74	56
881	Cohesin complex promotes transcriptional termination between convergent genes in <i>S. pombe</i> . <b>2008</b> , 132, 983-95	164
880	A network of nuclear envelope membrane proteins linking centromeres to microtubules. <b>2008</b> , 134, 427-38	156
879	Lid2 is required for coordinating H3K4 and H3K9 methylation of heterochromatin and euchromatin. <b>2008</b> , 135, 272-83	108
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863	Assembly of normal actomyosin rings in the absence of Mid1p and cortical nodes in fission yeast. <b>2008</b> , 183, 979-88	83
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753	<i>Schizosaccharomyces pombe</i> Mti2 and Mti3 act in conjunction during mitochondrial translation initiation. <b>2019</b> , 286, 4542-4553	3
752	A unique kinesin-like protein, Klp8, is involved in mitosis and cell morphology through microtubule stabilization. <b>2019</b> , 76, 355-367	1
751	A mechanism for how Cdr1/Nim1 kinase promotes mitotic entry by inhibiting Wee1. <b>2019</b> , 30, 3015-3023	10
750	Two XMAP215/TOG Microtubule Polymerases, Alp14 and Dis1, Play Non-Exchangeable, Distinct Roles in Microtubule Organisation in Fission Yeast. <b>2019</b> , 20,	2
749	Two septation phases differ in ingression rate, septum structure, and response to F-actin loss. <b>2019</b> , 218, 4171-4194	6
748	A novel interplay between GEFs orchestrates Cdc42 activity during cell polarity and cytokinesis in fission yeast. <b>2019</b> , 132,	6
747	Subcellular Targeting of the Kinase -MAPK1, as Revealed by Expression in Different Cell Systems. <b>2019</b> , 7, 244	

746	H3K14 ubiquitylation promotes H3K9 methylation for heterochromatin assembly. <b>2019</b> , 20, e48111	18
745	RNA-DNA Hybrids Support Recombination-Based Telomere Maintenance in Fission Yeast. <b>2019</b> , 213, 431-447	12
744	Effects of the microtubule nucleator Mto1 on chromosomal movement, DNA repair, and sister chromatid cohesion in fission yeast. <b>2019</b> , 30, 2695-2708	4
743	Leucine depletion extends the lifespans of leucine-auxotrophic fission yeast by inducing Ecl1 family genes via the transcription factor Fil1. <b>2019</b> , 294, 1499-1509	11
742	Identification of 15 New Bypassable Essential Genes of Fission Yeast. <b>2019</b> , 44, 113-119	3
741	Kinetochore-mediated outward force promotes spindle pole separation in fission yeast. <b>2019</b> , 30, 2802-2813	6
740	The intrinsically disordered region of the cytokinetic F-BAR protein Cdc15 performs a unique essential function in maintenance of cytokinetic ring integrity. <b>2019</b> , 30, 2790-2801	9
739	The phosphatase inhibitor Sds23 regulates cell division symmetry in fission yeast. <b>2019</b> , 30, 2880-2889	1
738	Histone deposition promotes recombination-dependent replication at arrested forks. <b>2019</b> , 15, e1008441	4
737	Monitoring cytosolic HO fluctuations arising from altered plasma membrane gradients or from mitochondrial activity. <b>2019</b> , 10, 4526	15
736	Cellular geometry scaling ensures robust division site positioning. <b>2019</b> , 10, 268	6
735	Analysis of the <i>S. pombe</i> Meiotic Proteome Reveals a Switch from Anabolic to Catabolic Processes and Extensive Post-transcriptional Regulation. <b>2019</b> , 26, 1044-1058.e5	4
734	A Cdc42 GEF, Gef1, through endocytosis organizes F-BAR Cdc15 along the actomyosin ring and promotes concentric furrowing. <b>2019</b> , 132,	9
733	Comparative Genomic Screen in Two Yeasts Reveals Conserved Pathways in the Response Network to Phenol Stress. <b>2019</b> , 9, 639-650	4
732	Regulation of ectopic heterochromatin-mediated epigenetic diversification by the JmjC family protein Epe1. <b>2019</b> , 15, e1008129	17
731	Asymmetrical localization of Nup107-160 subcomplex components within the nuclear pore complex in fission yeast. <b>2019</b> , 15, e1008061	15
730	Casein kinase 2 regulates telomere protein complex formation through Rap1 phosphorylation. <b>2019</b> , 47, 6871-6884	1
729	Interspecies conservation of organisation and function between nonhomologous regional centromeres. <b>2019</b> , 10, 2343	16

728	Quorum sensing and stress-activated MAPK signaling repress yeast to hypha transition in the fission yeast <i>Schizosaccharomyces japonicus</i> . <b>2019</b> , 15, e1008192	9
727	Spindle assembly without spindle pole body insertion into the nuclear envelope in fission yeast meiosis. <b>2019</b> , 128, 267-277	3
726	The asymmetric chemical structures of two mating pheromones reflect their differential roles in mating of fission yeast. <b>2019</b> , 132,	4
725	Rif1 promotes association of G-quadruplex (G4) by its specific G4 binding and oligomerization activities. <b>2019</b> , 9, 8618	12
724	Kinesin-6 Klp9 plays motor-dependent and -independent roles in collaboration with Kinesin-5 Cut7 and the microtubule crosslinker Ase1 in fission yeast. <b>2019</b> , 9, 7336	10
723	Histone H2A insufficiency causes chromosomal segregation defects due to anaphase chromosome bridge formation at rDNA repeats in fission yeast. <b>2019</b> , 9, 7159	2
722	The NuA4 acetyltransferase and histone H4 acetylation promote replication recovery after topoisomerase I-poisoning. <b>2019</b> , 12, 24	3
721	Generation of temperature sensitive mutations with error-prone PCR in a gene encoding a component of the spindle pole body in fission yeast. <b>2019</b> , 83, 1717-1720	2
720	Nuclear membrane protein Lem2 regulates nuclear size through membrane flow. <b>2019</b> , 10, 1871	29
719	Quantifying Tubulin Concentration and Microtubule Number Throughout the Fission Yeast Cell Cycle. <b>2019</b> , 9,	11
718	Spindle pole body movement is affected by glucose and ammonium chloride in fission yeast. <b>2019</b> , 511, 820-825	4
717	Early splicing functions of fission yeast Prp16 and its unexpected requirement for gene Silencing is governed by intronic features. <b>2019</b> , 16, 754-769	3
716	XPG-related nucleases are hierarchically recruited for double-stranded rDNA break resection. <b>2019</b> , 294, 7632-7643	4
715	Noisy Cell-Size-Correlated Expression of Cyclin B Drives Probabilistic Cell-Size Homeostasis in Fission Yeast. <b>2019</b> , 29, 1379-1386.e4	20
714	The very-long-chain fatty acid elongase Elo2 rescues lethal defects associated with loss of the nuclear barrier function in fission yeast cells. <b>2019</b> , 132,	15
713	Asymmetric diversification of mating pheromones in fission yeast. <b>2019</b> , 17, e3000101	8
712	A systematic genetic screen identifies essential factors involved in nuclear size control. <b>2019</b> , 15, e1007929	18
711	Suppressor Analysis Uncovers That MAPs and Microtubule Dynamics Balance with the Cut7/Kinesin-5 Motor for Mitotic Spindle Assembly in. <b>2019</b> , 9, 269-280	8



710	Short-Homology-Mediated CRISPR/Cas9-Based Method for Genome Editing in Fission Yeast. <b>2019</b> , 9, 1153-1163	15
709	Established and Upcoming Yeast Expression Systems. <b>2019</b> , 1923, 1-74	13
708	Bub1 kinase- and H2A phosphorylation-independent regulation of Shugoshin proteins under glucose-restricted conditions. <b>2019</b> , 9, 2826	1
707	Actin turnover ensures uniform tension distribution during cytokinetic actomyosin ring contraction. <b>2019</b> , 30, 933-941	8
706	Role of Cdc23/Mcm10 in generating the ribonucleotide imprint at the mat1 locus in fission yeast. <b>2019</b> , 47, 3422-3433	4
705	Coordinated Roles of the Putative Ceramide-Conjugation Protein, Cwh43, and a Mn-Transporting, P-Type ATPase, Pmr1, in Fission Yeast. <b>2019</b> , 9, 2667-2676	1
704	CLASP promotes microtubule bundling in metaphase spindle independently of Ase1/PRC1 in fission yeast. <b>2019</b> , 8,	2
703	Phosphoregulation of tropomyosin is crucial for actin cable turnover and division site placement. <b>2019</b> , 218, 3548-3559	11
702	Kinesin-8 and Dis1/TOG collaborate to limit spindle elongation from prophase to anaphase A for proper chromosome segregation in fission yeast. <b>2019</b> , 132,	5
701	F-BAR Cdc15 Promotes Cdc42 Activation During Cytokinesis and Cell Polarization in. <b>2019</b> , 213, 1341-1356	4
700	Histone H2B Ubiquitylation Regulates Histone Gene Expression by Suppressing Antisense Transcription in Fission Yeast. <b>2019</b> , 213, 161-172	2
699	A homeostatic mechanism rapidly corrects aberrant nucleocytoplasmic ratios maintaining nuclear size in fission yeast. <b>2019</b> , 132,	5
698	Chromosome-associated RNA-protein complexes promote pairing of homologous chromosomes during meiosis in <i>Schizosaccharomyces pombe</i> . <b>2019</b> , 10, 5598	24
697	The fission yeast Greatwall-Endosulfine pathway is required for proper quiescence/G phase entry and maintenance. <b>2019</b> , 24, 172-186	5
696	Recruitment, loading, and activation of the Smc5-Smc6 SUMO ligase. <b>2019</b> , 65, 669-676	7
695	Structural insights into chromosome attachment to the nuclear envelope by an inner nuclear membrane protein Bqt4 in fission yeast. <b>2019</b> , 47, 1573-1584	5
694	Cell Cycle-Regulated Transcription of CENP-A by the MBF Complex Ensures Optimal Level of CENP-A for Centromere Formation. <b>2019</b> , 211, 861-875	8
693	Reprogramming Cdr2-Dependent Geometry-Based Cell Size Control in Fission Yeast. <b>2019</b> , 29, 350-358.e4	29

692	Ctp1 protein-DNA filaments promote DNA bridging and DNA double-strand break repair. <b>2019</b> , 294, 3312-3320	17
691	CPn0572, the <i>C. pneumoniae</i> ortholog of TarP, reorganizes the actin cytoskeleton via a newly identified F-actin binding domain and recruitment of vinculin. <b>2019</b> , 14, e0210403	4
690	Brc1 Promotes the Focal Accumulation and SUMO Ligase Activity of Smc5-Smc6 during Replication Stress. <b>2019</b> , 39,	12
689	Overexpression of <i>Schizosaccharomyces pombe</i> tRNA 3'-end processing enzyme Trz2 leads to an increased cellular iron level and apoptotic cell death. <b>2019</b> , 122, 11-20	5
688	The Inner Nuclear Membrane Protein Bqt4 in Fission Yeast Contains a DNA-Binding Domain Essential for Telomere Association with the Nuclear Envelope. <b>2019</b> , 27, 335-343.e3	5
687	The fission yeast FHIT homolog affects checkpoint control of proliferation and is regulated by mitochondrial electron transport. <b>2020</b> , 44, 412-423	
686	Kolavenic acid analog restores growth in HSET-overproducing fission yeast cells and multipolar mitosis in MDA-MB-231 human cells. <b>2020</b> , 28, 115154	8
685	The role of Rsv1 in the transcriptional regulation of genes involved in sugar metabolism for long-term survival. <b>2020</b> , 287, 878-896	5
684	RNA-Binding Protein Rnc1 Regulates Cell Length at Division and Acute Stress Response in Fission Yeast through Negative Feedback Modulation of the Stress-Activated Mitogen-Activated Protein Kinase Pathway. <b>2020</b> , 11,	5
683	Homologous recombination repair intermediates promote efficient de novo telomere addition at DNA double-strand breaks. <b>2020</b> , 48, 1271-1284	5
682	A genetic screen for suppressors of hyper-repression of the fission yeast PHO regulon by Pol2 CTD mutation T4A implicates inositol 1-pyrophosphates as agonists of precocious lncRNA transcription termination. <b>2020</b> , 48, 10739-10752	3
681	Promiscuous Binding of Microprotein Mozart1 to $\beta$ Tubulin Complex Mediates Specific Subcellular Targeting to Control Microtubule Array Formation. <b>2020</b> , 31, 107836	6
680	Overproduction of plant nuclear export signals enhances diamide tolerance in <i>Schizosaccharomyces pombe</i> . <b>2020</b> , 531, 335-340	0
679	Human Ebp1 rescues the synthetic lethal growth of fission yeast cells lacking Cdb4 and Nup184. <b>2020</b> , 25, 288-295	
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677	Microtubule nucleation promoters Mto1 and Mto2 regulate cytokinesis in fission yeast. <b>2020</b> , 31, 1846-1856	2
676	The Fission Yeast RNA-Binding Protein Meu5 Is Involved in Outer Forespore Membrane Breakdown during Spore Formation. <b>2020</b> , 6,	0
675	Preventing Photomorbidity in Long-Term Multi-color Fluorescence Imaging of and. <b>2020</b> , 10, 4373-4385	6

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672	The CDK5 ortholog Pef1 regulates sexual differentiation through control of the TORC1 pathway and autophagy. <b>2020</b> , 133,	4
671	Origin and Evolution of Two Independently Duplicated Genes Encoding UDP- Glucose: Glycoprotein Glucosyltransferases in and Vertebrates. <b>2020</b> , 10, 755-768	4
670	Closed mitosis requires local disassembly of the nuclear envelope. <b>2020</b> , 585, 119-123	21
669	Epigenetic gene silencing by heterochromatin primes fungal resistance. <b>2020</b> , 585, 453-458	24
668	Transient Breakage of the Nucleocytoplasmic Barrier Controls Spore Maturation via Mobilizing the Proteasome Subunit Rpn11 in the Fission Yeast. <b>2020</b> , 6,	2
667	Fission yeast condensin contributes to interphase chromatin organization and prevents transcription-coupled DNA damage. <b>2020</b> , 21, 272	9
666	Acute Heat Stress Leads to Reversible Aggregation of Nuclear Proteins into Nucleolar Rings in Fission Yeast. <b>2020</b> , 33, 108377	7
665	Serine catabolism produces ROS, sensitizes cells to actin dysfunction, and suppresses cell growth in fission yeast. <b>2020</b> , 73, 574-580	2
664	Mre11 exonuclease activity removes the chain-terminating nucleoside analog gemcitabine from the nascent strand during DNA replication. <b>2020</b> , 6, eaaz4126	5
663	Ends and middle: Global force balance and septum location in fission yeast. <b>2020</b> , 43, 31	
662	Lem2 and Lnp1 maintain the membrane boundary between the nuclear envelope and endoplasmic reticulum. <b>2020</b> , 3, 276	11
661	NADPH-Cytochrome P450 Reductase Ccr1 Is a Target of Tamoxifen and Participates in Its Antifungal Activity via Regulating Cell Wall Integrity in Fission Yeast. <b>2020</b> , 64,	3
660	The molecular chaperone Hsp90 regulates heterochromatin assembly through stabilizing multiple complexes in fission yeast. <b>2020</b> , 133,	1
659	A role of the Nse4 kleisin and Nse1/Nse3 KITE subunits in the ATPase cycle of SMC5/6. <b>2020</b> , 10, 9694	5
658	RecQ DNA Helicase Rqh1 Promotes Rad3 Kinase Signaling in the DNA Replication Checkpoint Pathway of Fission Yeast. <b>2020</b> , 40,	4
657	Communication between Cyclin-dependent kinase Cdc2 and the Wis1-Spc1 MAPK pathway determines mitotic timing in. <b>2020</b> , 9,	1

656	System-wide analyses of the fission yeast poly(A) RNA interactome reveal insights into organization and function of RNA-protein complexes. <b>2020</b> , 30, 1012-1026	3
655	Cdc42 promotes Bgs1 recruitment for septum synthesis and glucanase localization for cell separation during cytokinesis in fission yeast. <b>2021</b> , 12, 257-264	0
654	The GATA Transcription Factor Gaf1 Represses tRNAs, Inhibits Growth, and Extends Chronological Lifespan Downstream of Fission Yeast TORC1. <b>2020</b> , 30, 3240-3249.e4	13
653	Time-lapse single-cell transcriptomics reveals modulation of histone H3 for dormancy breaking in fission yeast. <b>2020</b> , 11, 1265	2
652	Ubiquitination of DNA Damage-Stalled RNAPII Promotes Transcription-Coupled Repair. <b>2020</b> , 180, 1228-1244.e24	24
651	RNA aptamer capture of macromolecular complexes for mass spectrometry analysis. <b>2020</b> , 48, e90	1
650	Genetic suppression of defective profilin by attenuated Myosin II reveals a potential role for Myosin II in actin dynamics in vivo in fission yeast. <b>2020</b> , 31, 2107-2114	2
649	Aurora A regulation by reversible cysteine oxidation reveals evolutionarily conserved redox control of Ser/Thr protein kinase activity. <b>2020</b> , 13,	29
648	Wdr70 regulates histone modification and genomic maintenance in fission yeast. <b>2020</b> , 1867, 118665	2
647	Genetic investigation of formaldehyde-induced DNA damage response in <i>Schizosaccharomyces pombe</i> . <b>2020</b> , 66, 593-605	8
646	ESCRT-III/Vps4 Controls Heterochromatin-Nuclear Envelope Attachments. <b>2020</b> , 53, 27-41.e6	31
645	Nuclear envelope attachment of telomeres limits TERRA and telomeric rearrangements in quiescent fission yeast cells. <b>2020</b> , 48, 3029-3041	6
644	Phosphoproteomics Reveals Novel Targets and Phosphoprotein Networks in Cell Cycle Mediated by Dsk1 Kinase. <b>2020</b> , 19, 1776-1787	2
643	AMPK $\beta$ Subunit Ssp2 and Glycogen Synthase Kinases Gsk3/Gsk31 are involved in regulation of sterol regulatory element-binding protein (SREBP) activity in fission yeast. <b>2020</b> , 15, e0228845	1
642	Delineating the Rules for Structural Adaptation of Membrane-Associated Proteins to Evolutionary Changes in Membrane Lipidome. <b>2020</b> , 30, 367-380.e8	9
641	DNA translocases Rrp1 and Rrp2 have distinct roles at centromeres and telomeres that ensure genome stability. <b>2020</b> , 133,	1
640	Meiotic gene silencing complex MTREC/NURS recruits the nuclear exosome to YTH-RNA-binding protein Mmi1. <b>2020</b> , 16, e1008598	5
639	Characterization of N- and O-linked galactosylated oligosaccharides from fission yeast species. <b>2020</b> , 130, 128-136	3

638	Abo1 is required for the H3K9me2 to H3K9me3 transition in heterochromatin. <b>2020</b> , 10, 6055	3
637	A Redox-Sensitive Thiol in Wis1 Modulates the Fission Yeast Mitogen-Activated Protein Kinase Response to HO and Is the Target of a Small Molecule. <b>2020</b> , 40,	5
636	The Catalytic-Dependent and -Independent Roles of Lsd1 and Lsd2 Lysine Demethylases in Heterochromatin Formation in. <b>2020</b> , 9,	2
635	Nitrogen starvation reveals the mitotic potential of mutants in the S/MAPK pathways. <b>2020</b> , 11, 1973	2
634	Aurora B and condensin are dispensable for chromosome arm and telomere separation during meiosis II. <b>2020</b> , 31, 889-905	3
633	Stm1 is a vacuolar PQ-loop protein involved in the transport of basic amino acids in <i>Schizosaccharomyces pombe</i> . <b>2021</b> , 1863, 183507	1
632	Time-varying mobility and turnover of actomyosin ring components during cytokinesis in. <b>2021</b> , 32, 237-246	3
631	Ribosome profiling reveals ribosome stalling on tryptophan codons and ribosome queuing upon oxidative stress in fission yeast. <b>2021</b> , 49, 383-399	8
630	dnm1 deletion blocks mitochondrial fragmentation in <i>fzo1</i> cells. <b>2021</b> , 38, 197-205	3
629	Substrate Phosphorylation Rates as an In Vivo Measurement of Kinase Activity. <b>2021</b> , 2329, 19-27	
628	Checkpoint functions of RecQ helicases at perturbed DNA replication fork. <b>2021</b> , 67, 369-382	1
627	The fission yeast <i>gmn2</i> gene encodes an ERD1 homologue of <i>Saccharomyces cerevisiae</i> required for protein glycosylation and retention of luminal endoplasmic reticulum proteins. <b>2021</b> , 67, 67-76	0
626	RNAi and Ino80 complex control rate limiting translocation step that moves rDNA to eroding telomeres.	
625	Surprising phenotypic diversity of cancer-associated mutations of Gly 34 in the histone H3 tail. <b>2021</b> , 10,	1
624	Chiasmata and the kinetochore component Dam1 are crucial for elimination of erroneous chromosome attachments and centromere oscillation at meiosis I. <b>2021</b> , 11, 200308	2
623	Pak1 kinase controls cell shape through ribonucleoprotein granules.	
622	Yeasts as Complementary Model Systems for the Study of the Pathological Repercussions of Enhanced Synphilin-1 Glycation and Oxidation. <b>2021</b> , 22,	0
621	Identification of mutants with increased variation in cell size at onset of mitosis in fission yeast. <b>2021</b> , 134,	5

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601	TORC2 inhibition of Arrestin Aly3 mediates cell surface persistence of <i>S. pombe</i> Ght5 glucose transporter in low glucose. <b>2021</b> , 134,	3
600	Near-infrared imaging in fission yeast by genetically encoded biosynthesis of phycocyanobilin.	
599	TOR and MAP kinase pathways synergistically regulate autophagy in response to nutrient depletion in fission yeast. <b>2021</b> , 1-16	5
598	Specific Functional Features of the Cell Integrity MAP Kinase Pathway in the Dimorphic Fission Yeast. <b>2021</b> , 7,	1
597	Rice () TIR1 and 5'adamantyl-IAA Significantly Improve the Auxin-Inducible Degron System in. <b>2021</b> , 12,	1
596	Simplification of nutritional conditions in transformation procedures for genome editing with the CRISPR/Cas9 system for fission yeast. <b>2021</b> , 784, 145595	0
595	Mapping and Analysis of Swi5 and Sfr1 Phosphorylation Sites. <b>2021</b> , 12,	1
594	CDK control pathways integrate cell size and ploidy information to control cell division. <b>2021</b> , 10,	3
593	Variations of intracellular density during the cell cycle arise from tip-growth regulation in fission yeast. <b>2021</b> , 10,	9
592	Defining the consequences of endogenous genetic variation within a novel family of Schizosaccharomyces pombe heterochromatin nucleating sequences. <b>2021</b> , 11,	
591	Cell wall integrity is compromised under temperature stress in Schizosaccharomyces pombe expressing a valproic acid-sensitive vas4 mutant. <b>2021</b> , 11, 13483	
590	Rrp1 translocase and ubiquitin ligase activities restrict the genome destabilising effects of Rad51 in fission yeast. <b>2021</b> , 49, 6832-6848	0
589	Generation of Yeast Protoplasts by Lytic Actions of Iron Oxide Magnetic Nanoparticles. <b>2021</b> , 60, 9012-9021	1
588	Analysis and application of a suite of recombinant endo-(1,3)-D-glucanases for studying fungal cell walls. <b>2021</b> , 20, 126	4
587	The number of cytokinesis nodes in mitotic fission yeast scales with cell volume.	
586	RNAi and Ino80 complex control rate limiting translocation step that moves rDNA to eroding telomeres. <b>2021</b> , 49, 8161-8176	0
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- 570 Loss of kinesin-8 improves the robustness of the self-assembled spindle in *Schizosaccharomyces pombe*. **2021**, 134, 0
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566	Cdc42 reactivation at growth sites is regulated by local cell-cycle-dependent loss of its GTPase-activating protein Rga4 in fission yeast. <b>2021</b> , 134,	0
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564	Fission yeast TOR complex 1 phosphorylates Psk1 through an evolutionarily conserved interaction mediated by the TOS motif. <b>2021</b> , 134,	0
563	Eng2, a new player involved in feedback loop regulation of Cdc42 activity in fission yeast. <b>2021</b> , 11, 17872	
562	The sixth transmembrane region of a pheromone G-protein coupled receptor, Map3, is implicated in discrimination of closely related pheromones in <i>Schizosaccharomyces pombe</i> . <b>2021</b> , 219,	1
561	Sequestration of the exocytic SNARE Psy1 into multiprotein nodes reinforces polarized morphogenesis in fission yeast. <b>2021</b> , 32, ar7	0
560	Cdc42 GTPase-activating proteins (GAPs) regulate generational inheritance of cell polarity and cell shape in fission yeast. <b>2021</b> , 32, ar14	1
559	Rbm10 facilitates heterochromatin assembly via the Clr6 HDAC complex. <b>2021</b> , 14, 8	1
558	Complete sequences of <i>Schizosaccharomyces pombe</i> subtelomeres reveal multiple patterns of genome variation. <b>2021</b> , 12, 611	2
557	The CDK5 Orthologue Pef1 Cooperates with Three Cyclins, Clg1, Pas1 and Psl1, to Promote Pre-Meiotic DNA Replication. <b>2021</b> , 11,	1
556	The phosphatase inhibitor Sds23 promotes symmetric spindle positioning in fission yeast. <b>2020</b> , 77, 544-557	1
555	The fission yeast Nim1/Cdr1 kinase: a link between nutritional state and cell cycle control. <b>1995</b> , 1, 207-14	4
554	Targeted gene deletion in <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> . <b>2014</b> , 1163, 45-73	6
553	Using LacO arrays to monitor DNA double-strand break dynamics in live <i>Schizosaccharomyces pombe</i> cells. <b>2014</b> , 1176, 127-41	4
552	Quantum dot-antibody conjugates via carbodiimide-mediated coupling for cellular imaging. <b>2014</b> , 1199, 67-83	9
551	A method for high-throughput analysis of chronological aging in <i>Schizosaccharomyces pombe</i> . <b>2015</b> , 1263, 93-101	1
550	Nucleic Acid and Protein Sample Preparation from Yeasts. <b>2016</b> , 285-305	3
549	Preparation of Cell Lysates of Fission Yeast for Immunoprecipitation. <b>2018</b> , 1721, 125-133	1

548	Tetrad Dissection in Fission Yeast. <b>2018</b> , 1721, 179-187	1
547	Genetic and Cytological Methods to Study ESCRT Cell Cycle Function in Fission Yeast. <b>2019</b> , 1998, 239-250	1
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545	Genetic analysis of meiotic recombination in <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 557, 65-76	32
544	Using the DHFR heat-inducible degron for protein inactivation in <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 521, 483-92	10
543	Visualization of fluorescence-tagged proteins in fission yeast: the analysis of mitotic spindle dynamics using GFP-tubulin under the native promoter. <b>2009</b> , 545, 185-203	33
542	Analysis of <i>Schizosaccharomyces pombe</i> meiosis by nuclear spreading. <b>2009</b> , 558, 15-36	16
541	Live-cell fluorescence imaging of meiotic chromosome dynamics in <i>Schizosaccharomyces pombe</i> . <b>2009</b> , 558, 53-64	14
540	Laser ablation of the microtubule cytoskeleton: setting up and working with an ablation system. <b>2011</b> , 777, 261-71	7
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534	Expression of a Human Cytochrome P450 Form in <i>Schizosaccharomyces pombe</i> : Comparison with Expression in <i>Saccharomyces cerevisiae</i> . <b>1997</b> , 111-121	4
533	Expression, Purification and Analyses of Cell-Cycle Regulatory Proteins in <i>S. pombe</i> . <b>1997</b> , 133-148	1
532	Fission Yeast in General Genetics. <b>2004</b> , 1-12	15
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529	ntf1+ encodes a 6-cysteine zinc finger-containing transcription factor that regulates the nmt1 promoter in fission yeast.. <b>1994</b> , 269, 11921-11926	16
528	Cytoplasmic forms of fission yeast casein kinase-1 associate primarily with the particulate fraction of the cell.. <b>1994</b> , 269, 12014-12023	24
527	Leptomycin B targets a regulatory cascade of crm1, a fission yeast nuclear protein, involved in control of higher order chromosome structure and gene expression.. <b>1994</b> , 269, 6320-6324	351
526	A Ca(2+)-independent protein kinase C from fission yeast.. <b>1993</b> , 268, 7401-7406	23
525	Post-translational processing of Schizosaccharomyces pombe YPT proteins.. <b>1992</b> , 267, 11329-11336	47
524	Single-cell imaging and RNA sequencing reveal patterns of gene expression heterogeneity during fission yeast growth and adaptation. <b>2019</b> , 4, 480-491	22
523	Fission yeast Pak1 phosphorylates anillin-like Mid1 for spatial control of cytokinesis. <b>2020</b> , 219,	11
522	swi6, a gene required for mating-type switching, prohibits meiotic recombination in the mat2-mat3 "cold spot" of fission yeast. <b>1991</b> , 129, 1033-42	60
521	Nuclear mutations in the petite-negative yeast Schizosaccharomyces pombe allow growth of cells lacking mitochondrial DNA. <b>1992</b> , 131, 255-60	60
520	The clr1 locus regulates the expression of the cryptic mating-type loci of fission yeast. <b>1992</b> , 131, 287-96	94
519	Directionality of fission yeast mating-type interconversion is controlled by the location of the donor loci. <b>1993</b> , 134, 1045-54	70
518	Mutations in rik1, clr2, clr3 and clr4 genes asymmetrically derepress the silent mating-type loci in fission yeast. <b>1994</b> , 136, 53-64	97
517	Identification of residues in fission yeast and human p34cdc2 required for S-M checkpoint control. <b>1996</b> , 144, 1413-24	5
516	Epigenetic inheritance of transcriptional silencing and switching competence in fission yeast. <b>1997</b> , 145, 685-96	62
515	A recombinationally repressed region between mat2 and mat3 loci shares homology to centromeric repeats and regulates directionality of mating-type switching in fission yeast. <b>1997</b> , 146, 1221-38	146
514	The prp1+ gene required for pre-mRNA splicing in Schizosaccharomyces pombe encodes a protein that contains TPR motifs and is similar to Prp6p of budding yeast. <b>1997</b> , 147, 101-15	40
513	Mcs4, a two-component system response regulator homologue, regulates the Schizosaccharomyces pombe cell cycle control. <b>1997</b> , 147, 1043-51	27

512	Isolation of a <i>Schizosaccharomyces pombe</i> rad21ts mutant that is aberrant in chromosome segregation, microtubule function, DNA repair and sensitive to hydroxyurea: possible involvement of Rad21 in ubiquitin-mediated proteolysis. <b>1998</b> , 148, 49-57	65
511	Sum1, a highly conserved WD-repeat protein, suppresses S-M checkpoint mutants and inhibits the osmotic stress cell cycle response in fission yeast. <b>1998</b> , 148, 1731-42	33
510	Isolation and characterization of fission yeast sns mutants defective at the mitosis-to-interphase transition. <b>1998</b> , 148, 1799-811	8
509	Fission yeast cdc24(+) encodes a novel replication factor required for chromosome integrity. <b>1998</b> , 149, 1221-33	37
508	A screen for genes involved in the anaphase proteolytic pathway identifies tsm1(+), a novel <i>Schizosaccharomyces pombe</i> gene important for microtubule integrity. <b>1998</b> , 149, 1251-64	9
507	Isolation and characterization of new fission yeast cytokinesis mutants. <b>1998</b> , 149, 1265-75	214
506	The <i>Schizosaccharomyces pombe</i> S-phase checkpoint differentiates between different types of DNA damage. <b>1998</b> , 149, 1729-37	55
505	Histone deacetylase homologs regulate epigenetic inheritance of transcriptional silencing and chromosome segregation in fission yeast. <b>1998</b> , 150, 563-76	157
504	Suppressors of cdc25p overexpression identify two pathways that influence the G2/M checkpoint in fission yeast. <b>1998</b> , 150, 1361-75	29
503	Localization and properties of a silencing element near the mat3-M mating-type cassette of <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 151, 945-63	70
502	The role of nucleotide binding and hydrolysis in the function of the fission yeast cdc18(+) gene product. <b>1999</b> , 151, 1445-57	12
501	Position effect variegation at the mating-type locus of fission yeast: a cis-acting element inhibits covariegated expression of genes in the silent and expressed domains. <b>1999</b> , 152, 495-508	46
500	Regulation of mRNA export by nutritional status in fission yeast. <b>1999</b> , 152, 827-38	16
499	Rereplication phenomenon in fission yeast requires MCM proteins and other S phase genes. <b>1999</b> , 152, 839-51	13
498	Characterization of the ptr6(+) gene in fission yeast: a possible involvement of a transcriptional coactivator TAF in nucleocytoplasmic transport of mRNA. <b>1999</b> , 152, 869-80	28
497	Identification and characterization of <i>Schizosaccharomyces pombe</i> asp1(+), a gene that interacts with mutations in the Arp2/3 complex and actin. <b>1999</b> , 152, 895-908	28
496	spp42, identified as a classical suppressor of prp4-73, which encodes a kinase involved in pre-mRNA splicing in fission yeast, is a homologue of the splicing factor Prp8p. <b>1999</b> , 153, 1183-91	13
495	Drc1p/Cps1p, a 1,3-beta-glucan synthase subunit, is essential for division septum assembly in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 153, 1193-203	116

494	The identification of Wos2, a p23 homologue that interacts with Wee1 and Cdc2 in the mitotic control of fission yeasts. <b>1999</b> , 153, 1561-72	33
493	Isolation and characterization of Nrf1p, a novel negative regulator of the Cdc42p GTPase in <i>Schizosaccharomyces pombe</i> . <b>2000</b> , 154, 155-65	27
492	Functions of fission yeast orp2 in DNA replication and checkpoint control. <b>2000</b> , 154, 599-607	23
491	Isolation and characterization of par1(+) and par2(+): two <i>Schizosaccharomyces pombe</i> genes encoding B' subunits of protein phosphatase 2A. <b>2000</b> , 154, 1025-38	29
490	A recombination repair gene of <i>Schizosaccharomyces pombe</i> , rhp57, is a functional homolog of the <i>Saccharomyces cerevisiae</i> RAD57 gene and is phylogenetically related to the human XRCC3 gene. <b>2000</b> , 154, 1451-61	56
489	<i>Schizosaccharomyces pombe</i> Ste7p is required for both promotion and withholding of the entry to meiosis. <b>2000</b> , 155, 539-49	22
488	Four chromo-domain proteins of <i>Schizosaccharomyces pombe</i> differentially repress transcription at various chromosomal locations. <b>2000</b> , 155, 551-68	97
487	Loss of Rhb1, a Rheb-related GTPase in fission yeast, causes growth arrest with a terminal phenotype similar to that caused by nitrogen starvation. <b>2000</b> , 155, 611-22	85
486	Genetic analyses of <i>Schizosaccharomyces pombe</i> dna2(+) reveal that dna2 plays an essential role in Okazaki fragment metabolism. <b>2000</b> , 155, 1055-67	79
485	A new genetic method for isolating functionally interacting genes: high plo1(+)-dependent mutants and their suppressors define genes in mitotic and septation pathways in fission yeast. <b>2000</b> , 155, 1521-34	22
484	A fission yeast repression element cooperates with centromere-like sequences and defines a mat silent domain boundary. <b>2000</b> , 156, 983-94	52
483	Functional redundancies, distinct localizations and interactions among three fission yeast homologs of centromere protein-B. <b>2001</b> , 157, 1191-203	42
482	Fission yeast Mog1p homologue, which interacts with the small GTPase Ran, is required for mitosis-to-interphase transition and poly(A)(+) RNA metabolism. <b>2001</b> , 157, 1513-22	10
481	Coordination between fission yeast glucan formation and growth requires a sphingolipase activity. <b>2001</b> , 158, 1397-411	32
480	Correct regulation of the septation initiation network in <i>Schizosaccharomyces pombe</i> requires the activities of par1 and par2. <b>2001</b> , 158, 1413-29	26
479	Characterization of <i>Schizosaccharomyces pombe</i> mcm7(+) and cdc23(+) (MCM10) and interactions with replication checkpoints. <b>2001</b> , 159, 471-86	36
478	<i>Schizosaccharomyces pombe</i> Bir1p, a nuclear protein that localizes to kinetochores and the spindle midzone, is essential for chromosome condensation and spindle elongation during mitosis. <b>2002</b> , 160, 445-56	31
477	Fission yeast mutants affecting telomere clustering and meiosis-specific spindle pole body integrity. <b>2002</b> , 160, 861-76	29

476	Different phenotypes in vivo are associated with ATPase motif mutations in <i>Schizosaccharomyces pombe</i> minichromosome maintenance proteins. <b>2002</b> , 160, 1305-18	29
475	Expression-state boundaries in the mating-type region of fission yeast. <b>2002</b> , 161, 611-22	59
474	Genetic interaction between calcineurin and type 2 myosin and their involvement in the regulation of cytokinesis and chloride ion homeostasis in fission yeast. <b>2002</b> , 161, 971-81	20
473	The Scw1 RNA-binding domain protein regulates septation and cell-wall structure in fission yeast. <b>2002</b> , 162, 45-58	20
472	The 2.1-kb inverted repeat DNA sequences flank the mat2,3 silent region in two species of <i>Schizosaccharomyces</i> and are involved in epigenetic silencing in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 162, 591-602	23
471	The sal3(+) gene encodes an importin-beta implicated in the nuclear import of Cdc25 in <i>Schizosaccharomyces pombe</i> . <b>2002</b> , 162, 689-703	16
470	The <i>Schizosaccharomyces pombe</i> cdt2(+) gene, a target of G1-S phase-specific transcription factor complex DSC1, is required for mitotic and premeiotic DNA replication. <b>2003</b> , 164, 881-93	24
469	Rho3p regulates cell separation by modulating exocyst function in <i>Schizosaccharomyces pombe</i> . <b>2003</b> , 164, 1323-31	46
468	Environmentally controlled dimorphic cycle in a fission yeast. <b>1998</b> , 144 ( Pt 5), 1319-1330	43
467	The function of the three phosphoribosyl pyrophosphate synthetase (Prs) genes in hyphal growth and conidiation in <i>Aspergillus nidulans</i> . <b>2017</b> , 163, 218-232	5
466	Cdc42 activation state affects its localization and protein levels in fission yeast. <b>2017</b> , 163, 1156-1166	5
465	The fission yeast <i>Schizosaccharomyces pombe</i> Mtf2 is required for mitochondrial cox1 gene expression. <b>2018</b> , 164, 400-409	3
464	Transduction of centrifugation-induced gravity forces through mitogen-activated protein kinase pathways in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 153, 1519-1529	20
463	Essential roles of class E Vps proteins for sorting into multivesicular bodies in <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 153, 2753-2764	26
462	Reconstructing regulatory pathways by systematically mapping protein localization interdependency networks.	1
461	A Cdk9-PP1 kinase-phosphatase switch regulates the elongation-termination transition of RNA polymerase II.	2
460	Chromatin dynamics are constrained by loops and driven by the INO80 nucleosome remodeler.	4
459	Ribosome profiling reveals ribosome stalling on tryptophan codons upon oxidative stress in fission yeast.	0

458	Sequestration of the exocytic SNARE Psy1 into multiprotein nodes reinforces polarized morphogenesis in fission yeast.	1
457	Cdc42 GTPase Activating Proteins (GAPs) Maintain Generational Inheritance of Cell Polarity and Cell Shape in Fission Yeast.	1
456	Heh2/Man1 may be an evolutionarily conserved sensor of NPC assembly state.	1
455	Phase separation enables heterochromatin domains to do mechanical work.	3
454	Cdc42 reactivation at growth sites is regulated by local cell-cycle-dependent loss of its GAP Rga4.	0
453	Swi6/HP1 binding to RNA-DNA hybrids initiates heterochromatin assembly at the centromeric dg-dh repeats in Fission Yeast.	1
452	Variations of intracellular density during the cell cycle arise from tip-growth regulation in fission yeast.	1
451	Physical properties of the cytoplasm modulate the rates of microtubule polymerization and depolymerization.	5
450	DETECTION OF SURFACE FORCES BY A CELL WALL MECHANOSENSOR.	0
449	Inter-species conservation of organisation and function between non-homologous regional centromeres.	1
448	A novel interplay between GEFs orchestrates Cdc42 activity during cell polarity and cytokinesis.	3
447	Activation of polarized cell growth by inhibition of cell polarity.	3
446	Rbm10 facilitates heterochromatin assembly via the Clr6 HDAC complex.	1
445	Stable Pom1 clusters form a glucose-modulated concentration gradient that regulates mitotic entry.	0
444	F-BAR Cdc15 Promotes Gef1-mediated Cdc42 Activation During Cytokinesis and Cell Polarization in <i>S. pombe</i> .	1
443	ESCRT-III/Vps4 controls heterochromatin-nuclear envelope attachments.	2
442	Epigenetic gene silencing by heterochromatin primes fungal resistance.	1
441	The fission yeast SPB component Cut12 links bipolar spindle formation to mitotic control. <b>1998, 12, 927-42</b>	119

440	Pom1p, a fission yeast protein kinase that provides positional information for both polarized growth and cytokinesis. <b>1998</b> , 12, 1356-70	200
439	Heat-shock-induced activation of stress MAP kinase is regulated by threonine- and tyrosine-specific phosphatases. <b>1999</b> , 13, 1653-63	105
438	Meiotic DNA replication checkpoint control in fission yeast. <b>1999</b> , 13, 2581-93	50
437	Association of Chk1 with 14-3-3 proteins is stimulated by DNA damage. <b>1999</b> , 13, 675-85	90
436	High-efficiency transformation of <i>Pichia stipitis</i> based on its URA3 gene and a homologous autonomous replication sequence, ARS2. <b>1994</b> , 60, 4245-54	45
435	A minisatellite sequence within the propeptide region of the vacuolar carboxypeptidase Y gene of <i>Schizosaccharomyces pombe</i> . <b>1998</b> , 180, 3727-9	5
434	Isolation and characterization of high-osmolarity-sensitive mutants of fission yeast. <b>1998</b> , 180, 5038-43	20
433	Coordination of initiation of nuclear division and initiation of cell division in <i>Schizosaccharomyces pombe</i> : genetic interactions of mutations. <b>1998</b> , 180, 892-900	18
432	Characterization of mutants devoid of neutral trehalase activity in the fission yeast <i>Schizosaccharomyces pombe</i> : partial protection from heat shock and high-salt stress. <b>1998</b> , 180, 1342-5	21
431	Cell surface galactosylation is essential for nonsexual flocculation in <i>Schizosaccharomyces pombe</i> . <b>1999</b> , 181, 1356-9	28
430	The application of a homologous recombination assay revealed amino acid residues in an LTR-retrotransposon that were critical for integration. <b>1998</b> , 72, 1324-33	28
429	p68 RNA helicase: identification of a nucleolar form and cloning of related genes containing a conserved intron in yeasts. <b>1991</b> , 11, 1326-1333	53
428	Fission yeast pap1-dependent transcription is negatively regulated by an essential nuclear protein, crm1. <b>1992</b> , 12, 5474-5484	37
427	<i>Schizosaccharomyces pombe</i> map3+ encodes the putative M-factor receptor. <b>1993</b> , 13, 80-88	49
426	Two fission yeast B-type cyclins, cig2 and Cdc13, have different functions in mitosis. <b>1993</b> , 13, 2286-2297	29
425	The fission yeast ferric reductase gene frp1+ is required for ferric iron uptake and encodes a protein that is homologous to the gp91-phox subunit of the human NADPH phagocyte oxidoreductase. <b>1993</b> , 13, 4342-4350	42
424	The <i>Schizosaccharomyces pombe</i> casein kinase II alpha and beta subunits: evolutionary conservation and positive role of the beta subunit. <b>1994</b> , 14, 576-586	33
423	The Srp54 GTPase is essential for protein export in the fission yeast <i>Schizosaccharomyces pombe</i> . <b>1994</b> , 14, 7839-7854	11



4 <sup>22</sup>	Cdc42p GTPase is involved in controlling polarized cell growth in <i>Schizosaccharomyces pombe</i> . <b>1994</b> , 14, 1075-1083	84
4 <sup>21</sup>	Specific initiation at an origin of replication from <i>Schizosaccharomyces pombe</i> . <b>1994</b> , 14, 1796-1805	25
4 <sup>20</sup>	Sap1, a protein that binds to sequences required for mating-type switching, is essential for viability in <i>Schizosaccharomyces pombe</i> . <b>1994</b> , 14, 2058-2065	21
4 <sup>19</sup>	Protein phosphatase 2C, encoded by <i>ptc1+</i> , is important in the heat shock response of <i>Schizosaccharomyces pombe</i> . <b>1994</b> , 14, 3742-3751	27
4 <sup>18</sup>	Analysis of the structural genes encoding M-factor in the fission yeast <i>Schizosaccharomyces pombe</i> : identification of a third gene, <i>mfm3</i> . <b>1994</b> , 14, 3895-3905	26
4 <sup>17</sup>	Identification of <i>cut8+</i> and <i>cek1+</i> , a novel protein kinase gene, which complement a fission yeast mutation that blocks anaphase. <b>1994</b> , 14, 6361-6371	18
4 <sup>16</sup>	Stacking of Golgi cisternae in <i>Schizosaccharomyces pombe</i> requires intact microtubules. <b>1993</b> , 106, 1227-1237	43
4 <sup>15</sup>	The fission yeast <i>cdc19+</i> gene encodes a member of the MCM family of replication proteins. <b>1994</b> , 107, 2779-2788	57
4 <sup>14</sup>	Transcriptional regulation of a Ras nucleotide-exchange factor gene by extracellular signals in fission yeast. <b>1994</b> , 107, 3635-3642	31
4 <sup>13</sup>	Unusual chromosome structure of fission yeast DNA in mouse cells. <b>1994</b> , 107, 469-486	27
4 <sup>12</sup>	Analysis of the <i>Schizosaccharomyces pombe</i> cyclin <i>puc1</i> : evidence for a role in cell cycle exit. <b>1994</b> , 107, 601-613	48
4 <sup>11</sup>	Study of the higher eukaryotic gene function CDK2 using fission yeast. <b>1994</b> , 107, 615-623	12
4 <sup>10</sup>	Cellular localization of RNA14p and RNA15p, two yeast proteins involved in mRNA stability. <b>1994</b> , 107, 913-921	26
4 <sup>09</sup>	A single p34cdc2 protein kinase (encoded by <i>nimXcdc2</i> ) is required at G1 and G2 in <i>Aspergillus nidulans</i> . <b>1994</b> , 107, 1519-1528	65
4 <sup>08</sup>	Association of Rap1a and Rap1b proteins with late endocytic/phagocytic compartments and Rap2a with the Golgi complex. <b>1994</b> , 107, 1661-1670	124
4 <sup>07</sup>	Comparison of human CAP and CAP2, homologs of the yeast adenylyl cyclase-associated proteins. <b>1994</b> , 107, 1671-1678	52
4 <sup>06</sup>	A calcineurin-like gene <i>ppb1+</i> in fission yeast: mutant defects in cytokinesis, cell polarity, mating and spindle pole body positioning. <b>1994</b> , 107, 1725-1735	125
4 <sup>05</sup>	Interaction of <i>cdc2</i> and <i>rum1</i> regulates Start and S-phase in fission yeast. <b>1995</b> , 108, 3285-3294	24

404	Schizosaccharomyces pombe Vps34p, a phosphatidylinositol-specific PI 3-kinase essential for normal cell growth and vacuole morphology. <b>1995</b> , 108, 3745-3756	69
403	A novel essential fission yeast gene pad1+ positively regulates pap1(+)-dependent transcription and is implicated in the maintenance of chromosome structure. <b>1995</b> , 108, 569-579	66
402	Fission yeast TPR-family protein nuc2 is required for G1-arrest upon nitrogen starvation and is an inhibitor of septum formation. <b>1995</b> , 108, 895-905	41
401	Isolation and characterization of fission yeast mutants defective in the assembly and placement of the contractile actin ring. <b>1996</b> , 109, 131-142	256
400	Mutations in the fission yeast silencing factors clr4+ and rik1+ disrupt the localisation of the chromo domain protein Swi6p and impair centromere function. <b>1996</b> , 109, 2637-2648	181
399	The novel human protein serine/threonine phosphatase 6 is a functional homologue of budding yeast Sit4p and fission yeast ppe1, which are involved in cell cycle regulation. <b>1996</b> , 109, 2865-2874	116
398	The kinetics of the B cyclin p56cdc13 and the phosphatase p80cdc25 during the cell cycle of the fission yeast Schizosaccharomyces pombe. <b>1996</b> , 109, 1647-1653	25
397	The wis1 signal transduction pathway is required for expression of cAMP-repressed genes in fission yeast. <b>1996</b> , 109, 1927-1935	62
396	The fission yeast sts5+ gene is required for maintenance of growth polarity and functionally interacts with protein kinase C and an osmosensing MAP-kinase pathway. <b>1996</b> , 109, 2331-2342	26
395	Mph1, a member of the Mps1-like family of dual specificity protein kinases, is required for the spindle checkpoint in S. pombe. <b>1998</b> , 111, 1635-1647	84
394	Cdc18p can block mitosis by two independent mechanisms. <b>1998</b> , 111, 3101-3108	21
393	The novel murine calmodulin-binding protein Sha1 disrupts mitotic spindle and replication checkpoint functions in fission yeast. <b>1998</b> , 111, 3609-3619	20
392	Oscillatory nuclear movement in fission yeast meiotic prophase is driven by astral microtubules, as revealed by continuous observation of chromosomes and microtubules in living cells. <b>1998</b> , 111, 701-712	224
391	Mutations in the bimC box of Cut7 indicate divergence of regulation within the bimC family of kinesin related proteins. <b>1998</b> , 111, 853-865	42
390	F-actin distribution and function during sexual differentiation in Schizosaccharomyces pombe. <b>1998</b> , 111, 867-876	52
389	A NIMA homologue promotes chromatin condensation in fission yeast. <b>1998</b> , 111, 967-976	46
388	Asymmetry of the spindle pole bodies and spg1p GAP segregation during mitosis in fission yeast. <b>1999</b> , 112, 2313-2321	94
387	Functionally homologous DNA replication genes in fission and budding yeast. <b>1999</b> , 112, 2381-2390	6

386	Schizosaccharomyces pombe protein kinase C homologues, pck1p and pck2p, are targets of rho1p and rho2p and differentially regulate cell integrity. <b>1999</b> , 112, 3569-3578	81
385	The fission yeast origin recognition complex is constitutively associated with chromatin and is differentially modified through the cell cycle. <b>1999</b> , 112, 3703-3712	40
384	Although calnexin is essential in <i>S. pombe</i> , its highly conserved central domain is dispensable for viability. <b>1999</b> , 112, 4449-4460	18
383	Reduced dosage of a single fission yeast MCM protein causes genetic instability and S phase delay. <b>1999</b> , 112, 559-567	68
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