

# Resource Summary Report

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## PomBase

RRID:SCR\_006586

Type: Tool

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### Proper Citation

PomBase (RRID:SCR\_006586)

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### Resource Information

**URL:** <http://www.pombase.org/>

**Proper Citation:** PomBase (RRID:SCR\_006586)

**Description:** Model organism database that provides organization of and access to scientific data for the fission yeast *Schizosaccharomyces pombe*. PomBase supports genomic sequence and features, genome-wide datasets and manual literature curation. PomBase also provides a community hub for researchers, providing genome statistics, a community curation interface, news, events, documentation, mailing lists, and welcomes data submissions.

**Abbreviations:** PomBase

**Synonyms:** Schizosaccharomyces pombe Genome Sequencing Project

**Resource Type:** data or information resource, service resource, database

**Defining Citation:** [PMID:22039153](#)

**Keywords:** fission yeast, gene ontology, genome sequence, schizosaccharomyces pombe (4896), schizosaccharomyces pombe, dna, protein, cosmic assembly, intron, go, chromosome, telomere, centromere, mating region, data mapping, model organism, genome, bio.tools, FASEB list

**Funding:** Wellcome Trust WT090548MA

**Availability:** Public, Acknowledgement requested

**Resource Name:** PomBase

**Resource ID:** SCR\_006586

**Alternate IDs:** biotools:pombase, nlx\_144356, r3d100011478

**Alternate URLs:** <https://bio.tools/pombase>, <https://doi.org/10.17616/R3NS78>

**Old URLs:** [http://www.sanger.ac.uk/Projects/S\\_pombe/](http://www.sanger.ac.uk/Projects/S_pombe/)

**Record Creation Time:** 20220129T080237+0000

**Record Last Update:** 20260729T044135+0000

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## Ratings and Alerts

No rating or validation information has been found for PomBase.

No alerts have been found for PomBase.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 362 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#).

Zhang H, et al. (2025) Fission yeast Caprin protein is required for efficient heterochromatin establishment. PLoS genetics, 21(3), e1011620.

Jiménez-Martín A, et al. (2025) Centromere positioning orchestrates telomere bouquet formation and the initiation of meiotic differentiation. Nature communications, 16(1), 837.

Cheng T, et al. (2025) Transcription-replication conflict resolution by nuclear RNA interference. Molecular cell, 85(21), 3930.

Hooks MA, et al. (2025) Golgi\_traff phylogeny reveals ancient eukaryotic genes with recent surprises: replication and diversification of HID1 domain-containing protein unique to Schizosaccharomyces. FEMS microbiology letters, 372.

Mohamed HABE, et al. (2025) A novel method for telomere length detection in fission yeast. FEMS yeast research, 25.

Tan C, et al. (2025) Intracellular diffusion in the cytoplasm increases with cell size in fission yeast. Molecular biology of the cell, 36(4), ar51.

Wei Q, et al. (2025) Site-to-site mutational dissection of fission yeast cohesin reveals its dynamics. G3 (Bethesda, Md.), 15(7).

Berraquero M, et al. (2025) Ltc1 localization by EMC regulates cell membrane fluidity to facilitate membrane protein biogenesis. iScience, 28(3), 112096.

Papp LA, et al. (2025) Transcriptome changes of fission yeast cells exposed to fumonisin B1 or co-cultured with Fusarium verticillioides. Applied microbiology and biotechnology,

109(1), 211.

Schwer B, et al. (2025) Tandem inactivation of inositol pyrophosphatases Asp1, Siw14, and Aps1 illuminates functional redundancies in inositol pyrophosphate catabolism in fission yeast. *mBio*, 16(5), e0038925.

Pathak S, et al. (2025) Differential gene expression drives cell-cycle-dependent transition from monopolar to bipolar growth in fission yeast. *bioRxiv : the preprint server for biology*.

Zeisner TU, et al. (2025) Phosphatase specificity influences phosphorylation timing of CDK substrates during the cell cycle. *Nature communications*, 16(1), 11604.

Zhang S, et al. (2025) The Ync13-Rga7-Rng10 complex selectively coordinates secretory vesicle trafficking and secondary septum formation during cytokinesis. *PLoS biology*, 23(10), e3003466.

Ren L, et al. (2025) Oligomerization and exocyst coupling underlie Spa2-mediated focusing of polarized growth in fission yeast. *Journal of cell science*, 138(17).

Li Y, et al. (2025) Transcriptomic and proteomic effects of gene deletion are not evolutionarily conserved. *Genome research*, 35(3), 512.

Ku? K, et al. (2025) DSIF factor Spt5 coordinates transcription, maturation and exoribonucleolysis of RNA polymerase II transcripts. *Nature communications*, 16(1), 10.

Glauninger H, et al. (2025) Transcriptome-wide mRNP condensation precedes stress granule formation and excludes new mRNAs. *Molecular cell*, 85(23), 4393.

Takeuchi M, et al. (2025) Combinatorial Analyses of Pre-mRNA Splicing-Defective Mutants Reveal Differential Quantitative Requirements for Shelterin in Distinct Telomere Functions. *Genes to cells : devoted to molecular & cellular mechanisms*, 30(6), e70064.

Srivastav MK, et al. (2025) PhpCNF-Y transcription factor infiltrates heterochromatin to generate cryptic intron-containing transcripts crucial for small RNA production. *Nature communications*, 16(1), 268.

Prostak S, et al. (2025) Frog-killing chytrid fungi deploy different strategies to regulate intracellular pressure in cell types that have or lack a cell wall. *bioRxiv : the preprint server for biology*.