

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

Cell Signaling Pathways

RRID:SCR_002070

Type: Tool

Proper Citation

Cell Signaling Pathways (RRID:SCR_002070)

Resource Information

URL: <http://bmcbioinformatics.biomedcentral.com/articles/10.1186/1471-2105-8-335>

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Description: Cell signaling pathways can be explored using PathFinder, the interactive, online graphical representation of cell signaling pathways. The user can use PathFinder to explore the relationships between different cell signaling pathway components while being presented with our high quality small molecules, antibodies, enzymes, siRNA for gene knockdown and qPCR components to aid them in their research.

Synonyms: PathFinder

Resource Type: database, data or information resource

Defining Citation: [PMID:17854489](https://pubmed.ncbi.nlm.nih.gov/17854489/)

Keywords: enzyme, gene, antibody, cell signaling, molecule, pathway, qpcr, research, sirna

Availability: Free, Freely available

Resource Name: Cell Signaling Pathways

Resource ID: SCR_002070

Alternate IDs: nif-0000-20825

Old URLs: http://www.sigmaaldrich.com/Area_of_Interest/Life_Science/PathFinder.html

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260808T190349+0000

Ratings and Alerts

No rating or validation information has been found for Cell Signaling Pathways.

No alerts have been found for Cell Signaling Pathways.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mao M, et al. (2026) Trends, advances, and emerging insights in hematopoietic stem-cell transplantation and viral-infection (1980-2024): A bibliometric analysis. *Medicine*, 105(2), e46814.

Staklinski SJ, et al. (2026) Bayesian inference of tissue-migration histories in metastatic cancer from cell-lineage tracing data. *Cell genomics*, 6(6), 101193.

Yun H, et al. (2026) Mapping the Landscape of Medical AI Research in Korea Using Topic Modeling. *Healthcare (Basel, Switzerland)*, 14(4).

McNally JG, et al. (2025) Towards a quantitative theory for transmission X-ray microscopy. *Beilstein journal of nanotechnology*, 16, 1113.

Tobin RM, et al. (2025) GenoPath: a pipeline to infer tumor clone composition, mutational history, and metastatic cell migration events from tumor DNA sequencing data. *Frontiers in bioinformatics*, 5, 1615834.

Liu Q, et al. (2025) Ozone therapy for knee osteoarthritis: a literature visualization analysis of research hotspots and prospects. *Medical gas research*, 15(2), 356.