

Resource Summary Report

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PIVOT software

RRID:SCR_017210

Type: Tool

Proper Citation

PIVOT software (RRID:SCR_017210)

Resource Information

URL: <http://kim.bio.upenn.edu/software/pivot.shtml>

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Description: Software R package for interactive analysis and visualization of transcriptomics data. Operating systems are macOS, Linux, Windows.

Abbreviations: PIVOT

Synonyms: Platform for Interactive analysis and Visualization Of Transcriptomics, PIVOT, KimLabIDV

Resource Type: software application, data processing software, software resource, data analysis software

Defining Citation: [PMID:29304726](#)

Keywords: Interactive, analysis, visualization, transcriptomics, data

Funding: NIMH U01 MH098953

Availability: Free, Available for download, Freely available

Resource Name: PIVOT software

Resource ID: SCR_017210

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260821T043020+0000

Ratings and Alerts

No rating or validation information has been found for PIVOT software.

No alerts have been found for PIVOT software.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Forjaz A, et al. (2026) Deep Learning Enabled 3D Multi-Omic Analysis Reveals Molecular Signatures of Heterogeneous Response to Chemotherapy in Pancreatic Cancer. bioRxiv : the preprint server for biology.

Hallast P, et al. (2026) Population-scale Y chromosome assemblies reveal recurrent remodeling within constrained architectures. bioRxiv : the preprint server for biology.

Forjaz A, et al. (2025) PIVOT: an open-source tool for multi-omic spatial data registration. bioRxiv : the preprint server for biology.

Segbefia CI, et al. (2024) Baseline characteristics of Ghanaian children and adults enrolled in PIVOT, a randomised clinical trial of hydroxyurea in HbSC disease in sub-Saharan Africa. British journal of haematology, 205(6), 2470.

Paton NI, et al. (2024) Long-term efficacy and safety of a treatment strategy for HIV infection using protease inhibitor monotherapy: 8-year routine clinical care follow-up from a randomised, controlled, open-label pragmatic trial (PIVOT). EClinicalMedicine, 69, 102457.

Willinger L, et al. (2024) Noninvasive and Reliable Quantification of Anteromedial Rotatory Knee Laxity: A Pilot Study on Healthy Individuals. The American journal of sports medicine, 52(5), 1229.

Mudaranthakam DP, et al. (2023) Career disruption and limitation of financial earnings due to cancer. JNCI cancer spectrum, 7(4).

Smart LR, et al. (2023) Prospective identification of variables as outcomes for treatment (PIVOT): study protocol for a randomised, placebo-controlled trial of hydroxyurea for Ghanaian children and adults with haemoglobin SC disease. Trials, 24(1), 603.

Hyde E, et al. (2021) Estimating the local spatio-temporal distribution of malaria from routine health information systems in areas of low health care access and reporting. International journal of health geographics, 20(1), 8.

Barnette BL, et al. (2021) Mitochondrial Effects in the Liver of C57BL/6 Mice by Low Dose, High Energy, High Charge Irradiation. International journal of molecular sciences, 22(21).

Gruenberg K, et al. (2020) A Randomized, Crossover Pilot Study of a Novel Web-Based/Mobile Platform for Collaborative Small Group Practice in Therapeutic Reasoning. *Journal of medical education and curricular development*, 7, 2382120520977189.

Garchitorena A, et al. (2020) District-level health system strengthening for universal health coverage: evidence from a longitudinal cohort study in rural Madagascar, 2014-2018. *BMJ global health*, 5(12).

Ihantamalala FA, et al. (2020) Improving geographical accessibility modeling for operational use by local health actors. *International journal of health geographics*, 19(1), 27.

Reich J, et al. (2020) Comparison of alternative full and brief versions of functional status scales among older adults in China. *PloS one*, 15(8), e0234698.

Topal S, et al. (2020) INO80C Remodeler Maintains Genomic Stability by Preventing Promiscuous Transcription at Replication Origins. *Cell reports*, 32(10), 108106.

Cipp?? PE, et al. (2019) A late B lymphocyte action in dysfunctional tissue repair following kidney injury and transplantation. *Nature communications*, 10(1), 1157.

Feldman JL, et al. (2019) Yeast Sirtuin Family Members Maintain Transcription Homeostasis to Ensure Genome Stability. *Cell reports*, 27(10), 2978.

Verbeek JFM, et al. (2019) A Tool for Shared Decision Making on Referral for Prostate Biopsy in the Primary Care Setting: Integrating Risks of Cancer with Life Expectancy. *Journal of personalized medicine*, 9(2).

Ezran C, et al. (2019) Assessing trends in the content of maternal and child care following a health system strengthening initiative in rural Madagascar: A longitudinal cohort study. *PLoS medicine*, 16(8), e1002869.