Resource Summary Report

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HTSeq

RRID:SCR_005514
Type: Tool

Proper Citation

HTSeq (RRID:SCR_005514)

Resource Information

URL: http://htseq.readthedocs.io/en/release_0.9.1/

Proper Citation: HTSeq (RRID:SCR_005514)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on February 28,2023. Software Python package that provides infrastructure to process data from high-throughput sequencing assays. While the main purpose of HTSeq is to allow you to write your own analysis scripts, customized to your needs, there are also a couple of stand-alone scripts for common tasks that can be used without any Python knowledge.

Abbreviations: HTSeq

Synonyms: HTSeq: Analysing high-throughput sequencing data with Python

Resource Type: software application, data processing software, authoring tool, standalone software, software resource

Defining Citation: DOI:10.1093/bioinformatics/btu638

Keywords: python, high-throughput sequencing assay, bio.tools

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: HTSeq

Resource ID: SCR_005514

Alternate IDs: biotools:htseq, OMICS_01053

Alternate URLs: https://bio.tools/htseq

Old URLs: http://www-huber.embl.de/users/anders/HTSeq/, https://sources.debian.org/src/python3-htseq/

Record Creation Time: 20220129T080230+0000

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Ratings and Alerts

No rating or validation information has been found for HTSeq.

No alerts have been found for HTSeq.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8458 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Arbogast F, et al. (2025) Epidermal maintenance of Langerhans cells relies on autophagy-regulated lipid metabolism. The Journal of cell biology, 224(2).

Kang YS, et al. (2025) Leveraging a new data resource to define the response of Cryptococcus neoformans to environmental signals. Genetics, 229(1), 1.

Meng X, et al. (2025) Metabolic rewiring controlled by HIF-1? tunes IgA-producing B-cell differentiation and intestinal inflammation. Cellular & molecular immunology, 22(1), 54.

Guo J, et al. (2025) Magnesium Nanocomposite Hydrogel Reverses the Pathologies to Enhance Mandible Regeneration. Advanced materials (Deerfield Beach, Fla.), 37(2), e2312920.

Mao X, et al. (2025) Single-Cell Simultaneous Metabolome and Transcriptome Profiling Revealing Metabolite-Gene Correlation Network. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(4), e2411276.

Mukherjee R, et al. (2025) Serine ubiquitination of SQSTM1 regulates NFE2L2-dependent redox homeostasis. Autophagy, 21(2), 407.

Yang N, et al. (2025) Silver-quercetin-loaded honeycomb-like Ti-based interface combats infection-triggered excessive inflammation via specific bactericidal and macrophage reprogramming. Bioactive materials, 43, 48.

Gaikwad KB, et al. (2025) Computational approaches for identifications of altered ion channels in keratoconus. Eye (London, England), 39(1), 145.

Priego N, et al. (2025) TIMP1 Mediates Astrocyte-Dependent Local Immunosuppression in Brain Metastasis Acting on Infiltrating CD8+ T Cells. Cancer discovery, 15(1), 179.

Yang J, et al. (2025) MARTRE family proteins negatively regulate CCR4-NOT activity to protect poly(A) tail length and promote translation of maternal mRNA. Nature communications, 16(1), 248.

Al Abo M, et al. (2025) Genetic ancestry concordant RNA splicing in prostate cancer involves oncogenic genes and associates with recurrence. NPJ precision oncology, 9(1), 30.

Fajardo-Despaigne JE, et al. (2025) Characterization and effective expansion of CD4-CD8-TCR??+ T cells from individuals living with type 1 diabetes. Molecular therapy. Methods & clinical development, 33(1), 101400.

Jani C, et al. (2025) VPS18 contributes to phagosome membrane integrity in Mycobacterium tuberculosis-infected macrophages. Science advances, 11(5), eadr6166.

Barton RD, et al. (2025) A sort and sequence approach to dissect heterogeneity of response to a self-amplifying RNA vector in a novel human muscle cell line. Molecular therapy. Nucleic acids, 36(1), 102400.

Ren R, et al. (2025) Developmental exposure to perfluorooctane sulfonate(PFOS) impairs the endometrial receptivity. Scientific reports, 15(1), 1747.

Qiu H, et al. (2025) Human Umbilical Cord-Mesenchymal Stem Cells Combined With Low Dosage Nintedanib Rather Than Using Alone Mitigates Pulmonary Fibrosis in Mice. Stem cells international, 2025, 9445735.

Wang LR, et al. (2025) Enhancing abscisic acid production in Botrytis cinerea through metabolic engineering based on a constitutive promoter library. Synthetic and systems biotechnology, 10(2), 373.

Poudel K, et al. (2025) Fabrication and functional validation of a hybrid biomimetic nanovaccine (HBNV) against Kit K641E -mutant melanoma. Bioactive materials, 46, 347.

Chen Y, et al. (2025) Co-isolation of human donor eye cells and development of oncogene-mutated melanocytes to study uveal melanoma. BMC biology, 23(1), 16.

Lorzadeh A, et al. (2025) Motif distribution and DNA methylation underlie distinct Cdx2

binding during development and homeostasis. Nature communications, 16(1), 929.