Resource Summary Report

Generated by RRID on Aug 9, 2026

Mercury

RRID:SCR_004231
Type: Tool

Proper Citation

Mercury (RRID:SCR_004231)

Resource Information

URL: https://www.hgsc.bcm.edu/software/mercury

Proper Citation: Mercury (RRID:SCR_004231)

Description: An automated, flexible, and extensible analysis workflow that provides accurate and reproducible genomic results at scales ranging from individuals to large cohorts. The analysis pipeline is deployed in local hardware and the Amazon Web Services cloud via the DNAnexus platform.

Abbreviations: Mercury

Synonyms: Illumina Mercury pipeline

Resource Type: software resource

Defining Citation: PMID:24475911

Keywords: next-generation sequencing, genome, cloud, exome, cloud computing, illumina, bam, variant call file

Resource Name: Mercury

Resource ID: SCR_004231

Alternate IDs: OMICS_02290

Record Creation Time: 20220129T080223+0000

Record Last Update: 20260808T185818+0000

Ratings and Alerts

No rating or validation information has been found for Mercury.

No alerts have been found for Mercury.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 989 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Chen X, et al. (2026) Injectable and In Situ Hydration-Reinforced Hybrid Bone Cements for Accelerated Bone Regeneration. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(7), e12723.

Colah A, et al. (2026) Profiling crystal engineered ligands for targeting treatment resistant androgen receptors. bioRxiv : the preprint server for biology.

Li S, et al. (2026) Searching for surficial water ice in lunar permanently shaded regions (PSRs) with ShadowCam. Science advances, 12(12), eaec8211.

Smith KT, et al. (2025) Uncapping energy transfer pathways in metal-organic frameworks through heterogeneous structures. Nature communications, 16(1), 7986.

P Domingues N, et al. (2025) Unraveling metal effects on CO2 uptake in pyrene-based metal-organic frameworks. Nature communications, 16(1), 1516.

Seyfferth AL, et al. (2025) Concentrations and Health Implications of As, Hg, and Cd and Micronutrients in Rice and Emissions of CH4 From Variably Flooded Paddies. GeoHealth, 9(8), e2025GH001410.

Rodriguez-Rubio X, et al. (2025) Mechanochemical Alloying of Molecular Dopants in Expanded Analogs of Halide Perovskites. Inorganic chemistry, 64(34), 17279.

Morgan TEF, et al. (2025) Synthesis and evaluation of 6-arylaminobenzamides as positron emission tomography imaging ligands for the sphingosine-1-phosphate-5 receptor. RSC medicinal chemistry, 16(3), 1235.

Yao C, et al. (2025) A stable and biocompatible shortwave infrared nanoribbon for dual-channel in vivo imaging. Nature communications, 16(1), 4.

Zhao CY, et al. (2025) Rare-Earth Substitution Induced Symmetry Breaking for The First Sc-Based Nonlinear Optical Chalcogenide with High-Performance. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(8), e2411960.

Capelo-Avilés S, et al. (2025) Selective adsorption of CO2 in TAMOF-1 for the separation of CO2/CH4 gas mixtures. Nature communications, 16(1), 3243.

Bernús M, et al. (2025) Impact of Fluorine Pattern on Lipophilicity and Acid-Base Properties of 2-(Thiofluoroalkyl)pyridines: Insights from Experiments and Statistical

Modeling. Journal of medicinal chemistry, 68(4), 4787.

Dias JSM, et al. (2025) Ruthenium(II) Complex with 1-Hydroxy-9,10-Anthraquinone Inhibits Cell Cycle Progression at G0/G1 and Induces Apoptosis in Melanoma Cells. Pharmaceuticals (Basel, Switzerland), 18(1).

Bouone YO, et al. (2025) Investigation of the anticancer activity of modified 4-hydroxyquinolone analogues: in vitro and in silico studies. RSC advances, 15(5), 3704.

Schmid D, et al. (2025) Detection of lithium in the exosphere of Mercury. Nature communications, 16(1), 6205.

Lusardi M, et al. (2025) Targeting Ubiquitin-Specific Protease 7 with Novel 5-Amino-Pyrazole Inhibitors: Design, Synthesis, and Biological Evaluation. ChemMedChem, 20(16), e202500185.

Zug GTL, et al. (2025) Scandium?Group 13 Heterobimetallic Methylidene Clusters. Inorganic chemistry, 64(28), 14031.

Gutma?ska K, et al. (2025) From Donor-Acceptor Ligands to Smart Coordination Polymers: Cyanothiazole-Cu(I) Complexes for Multifunctional Electronic Devices. Chemistry (Weinheim an der Bergstrasse, Germany), 31(31), e202500215.

Pražáková M, et al. (2025) Expanding the Family of Monosubstituted 15-Membered Pyridine-Based Macrocyclic Ligands for Mn(II) Complexation in the Context of MRI. Inorganic chemistry, 64(16), 8205.

Burger NFV, et al. (2025) Evaluating long-read assemblers to assemble several aphididae genomes. Briefings in bioinformatics, 26(2).