

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

TARDIS

RRID:SCR_006322

Type: Tool

Proper Citation

TARDIS (RRID:SCR_006322)

Resource Information

URL: <http://tardis.edu.au/>

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Description: Dissemination of public datasets containing raw crystallography data (known as "diffraction images"), along with rich metadata for search and persistent handles for citation in publications. Storage is federated, meaning the public index contains no data itself and merely points to data stored in external labs and institutions. TARDIS is scheduled to be replaced by the Bioscience Data Platform (<https://www.nectar.org.au/bioscience-data-platform-tardis-cloud>)., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: TARDIS

Synonyms: The Australian Repositories for Diffraction ImageS

Resource Type: data set, data or information resource, service resource, software resource

Defining Citation: [PMID:18566516](#)

Keywords: molecular biology, crystallography, synchrotron, protein crystallography, diffraction image, federated repository, deposition, annotation, registration, raw data, ancillary data, data repository

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: TARDIS

Resource ID: SCR_006322

Alternate IDs: nlx_152020

Record Creation Time: 20220129T080235+0000

Ratings and Alerts

No rating or validation information has been found for TARDIS.

No alerts have been found for TARDIS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Flannery-Sutherland JT, et al. (2025) Landscape-explicit phylogeography illuminates the ecographic radiation of early archosauromorph reptiles. *Nature ecology & evolution*, 9(7), 1138.

Vangeenderhuysen P, et al. (2025) Automated Integration and Quality Assessment of Chromatographic Peaks in LC-MS-Based Metabolomics and Lipidomics Using TARDIS. *Analytical chemistry*, 97(18), 9927.

Du R, et al. (2025) Comparative study of tools for copy number variation detection using next-generation sequencing data. *Scientific reports*, 15(1), 22145.

Stevenson ZC, et al. (2025) Precise lineage tracking using molecular barcodes demonstrates fitness trade-offs for ivermectin resistance in nematodes. *G3 (Bethesda, Md.)*, 15(6).

Shu J, et al. (2024) MDM2 provides TOP2 poison resistance by promoting proteolysis of TOP2 γ in a p53-independent manner. *Cell death & disease*, 15(1), 83.

Cowell IG, et al. (2024) Myeloperoxidase inhibition protects bone marrow mononuclear cells from DNA damage induced by the TOP2 poison anti-cancer drug etoposide. *FEBS open bio*, 14(6), 1001.

Stevenson ZC, et al. (2024) Precise Lineage Tracking Using Molecular Barcodes Demonstrates Fitness Trade-offs for Ivermectin Resistance in Nematodes. *bioRxiv : the preprint server for biology*.

Kiewisz R, et al. (2024) Accurate and fast segmentation of filaments and membranes in micrographs and tomograms with TARDIS. *bioRxiv : the preprint server for biology*.

No JS, et al. (2024) Dynamics of SARS-CoV-2 variants during the XBB wave in the Republic of Korea. *Virus research*, 350, 199471.

Woodhouse LJ, et al. (2023) Bleeding with intensive versus guideline antiplatelet therapy in acute cerebral ischaemia. *Scientific reports*, 13(1), 11717.

Stevenson ZC, et al. (2023) High-throughput library transgenesis in *Caenorhabditis elegans* via Transgenic Arrays Resulting in Diversity of Integrated Sequences (TARDIS). *eLife*, 12.

Bronkhorst AJ, et al. (2023) The changing face of circulating tumor DNA (ctDNA) profiling: Factors that shape the landscape of methodologies, technologies, and commercialization. *Medizinische Genetik : Mitteilungsblatt des Berufsverbandes Medizinische Genetik e.V*, 35(4), 201.

Chehrazi-Raffle A, et al. (2023) Ultrasensitive Circulating Tumor DNA Pilot Study Distinguishes Complete Response and Partial Response With Immunotherapy in Patients With Metastatic Renal Cell Carcinoma. *JCO precision oncology*, 7, e2200543.

Meng X, et al. (2023) Systematic evaluation of multiple NGS platforms for structural variants detection. *The Journal of biological chemistry*, 299(12), 105436.

Shu J, et al. (2023) ATM inhibitor KU60019 synergistically sensitizes lung cancer cells to topoisomerase II poisons by multiple mechanisms. *Scientific reports*, 13(1), 882.

Lee S, et al. (2023) Phylodynamic analysis revealed that human mobility and vaccination were correlated to the local spread of SARS-CoV-2 in Republic of Korea. *Emerging microbes & infections*, 12(2), 2228934.

Lauper K, et al. (2022) Effectiveness of TNF-inhibitors, abatacept, IL6-inhibitors and JAK-inhibitors in 31 846 patients with rheumatoid arthritis in 19 registers from the 'JAK-pot' collaboration. *Annals of the rheumatic diseases*, 81(10), 1358.

Hendricks CM, et al. (2022) Discordance between HIV-1 Population in Plasma at Rebound after Structured Treatment Interruption and Archived Provirus Population in Peripheral Blood Mononuclear Cells. *Microbiology spectrum*, 10(4), e0135322.

Honoré N, et al. (2021) Liquid Biopsy to Detect Minimal Residual Disease: Methodology and Impact. *Cancers*, 13(21).

Mangelinck A, et al. (2021) Synergistic Anti-Tumor Effect of Simvastatin Combined to Chemotherapy in Osteosarcoma. *Cancers*, 13(22).