

Resource Summary Report

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Mason

RRID:SCR_002476

Type: Tool

Proper Citation

Mason (RRID:SCR_002476)

Resource Information

URL: <https://github.com/seqan/seqan/tree/master/apps/mason2>

Proper Citation: Mason (RRID:SCR_002476)

Description: Collection of software tools for simulating biological sequences, including simulations of genome fragment sampling, random genomic sequences, methylation levels, and NGS reads.

Synonyms: Mason2

Resource Type: simulation software, software application, software resource

Keywords: read simulating software, sequencing simulation, haplotype simulation

Availability: Free, Available for download, Freely available

Resource Name: Mason

Resource ID: SCR_002476

Alternate IDs: OMICS_00252

Record Creation Time: 20220129T080213+0000

Record Last Update: 20260912T195541+0000

Ratings and Alerts

No rating or validation information has been found for Mason.

No alerts have been found for Mason.

Data and Source Information

Usage and Citation Metrics

We found 169 mentions in open access literature.

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

Uzuner H, et al. (2026) Virus variant quantification with Orthanq. BMC bioinformatics, 27(1).

Miao J, et al. (2026) TEvarSim: A genome simulator for transposable element (TE) variants. PLoS computational biology, 22(1), e1013933.

Furstenau TN, et al. (2026) MetaTracer: A nucleotide alignment-based framework for high-resolution taxonomic and transcript assignment in metatranscriptomic data. bioRxiv : the preprint server for biology.

Jain R, et al. (2025) Non-invasive Resonance Raman Spectroscopy provides an early estimation of depth in a pig model of multi-depth burns. Research square.

Keng M, et al. (2025) Assigning Peptide Structure from Ion-Mobility Mass Spectrometry Collision Cross Section Data. Journal of the American Society for Mass Spectrometry, 36(8), 1677.

Twardy V, et al. (2025) Superior Primary Stability of a Knotless Double-Row Construct Compared to Mason-Allen Repair for Anatomical Refixation of Gluteal Tendons- Biomechanical Human Cadaver Study. Orthopaedic surgery, 17(10), 2973.

Jia X, et al. (2025) Influence of Microstructure on Music Properties of SWP-B Music Steel Wire Under Different Annealing Treatments. Materials (Basel, Switzerland), 18(2).

Wang S, et al. (2025) Alien range size, habitat breadth, origin location, and domestication of alien species matter to their impact risks. Integrative zoology, 20(3), 520.

Fang F, et al. (2025) LincRNA-ASAO promotes dental pulp repair through interacting with PTBP1 to increase ALPL alternative splicing. Stem cell research & therapy, 16(1), 149.

Li X, et al. (2025) Discovery of a Ferromagnetic Nickel Chalcogenide Nanocluster Ni₃S₃H(PEt₃)₅. Small (Weinheim an der Bergstrasse, Germany), 21(23), e2500070.

Nair V, et al. (2025) Functional Outcome of Radial Head Fracture Treated with Open Reduction Internal Fixation using Plating Versus Herbert Screw Fixation: A Case Series. Journal of orthopaedic case reports, 15(3), 233.

Azamuke D, et al. (2025) A labeled synthetic mobile money transaction dataset. Data in brief, 60, 111534.

Gerovac M, et al. (2025) Programmable antisense oligomers for phage functional genomics. Nature, 646(8087), 1195.

Jankoski PE, et al. (2025) Bioactive Supramolecular Polymers for Skin Regeneration Following Burn Injury. *Biomacromolecules*, 26(8), 5471.

Wang L, et al. (2025) TIM4+macrophages suppress the proinflammatory response to maintain the chronic alveolar echinococcosis infection. *Frontiers in cellular and infection microbiology*, 15, 1600686.

Mason KN, et al. (2025) Achieving Clinical Success in Nonsedated Velopharyngeal Magnetic Resonance Imaging: Optimizing Data Quality and Patient Selection. *Plastic and reconstructive surgery*, 155(3), 562e.

Steijvers E, et al. (2025) Rapid assessment of the osteogenic capacity of hydroxyapatite/aragonite using a murine tibial periosteal ossification model. *Bioactive materials*, 45, 257.

K??nig A, et al. (2025) Helical aromatic oligoamide foldamers as selective G-quadruplex ligands. *Nucleic acids research*, 53(22).

Son H, et al. (2025) Exploring the Trajectories of Depressive Symptoms Associated With Bullying Victimization: The Intersection of Gender and Family Support. *Journal of adolescence*, 97(3), 746.

Gregg CM, et al. (2025) Computationally Guided Design of a Soluble, Abundant and Functional AnfH Variant for the Expression of Fe-Only Nitrogenase in Plant Mitochondria. *Plant biotechnology journal*, 23(12), 5622.