

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 25, 2025

## Maq

RRID:SCR\_005485

Type: Tool

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### Proper Citation

Maq (RRID:SCR\_005485)

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### Resource Information

**URL:** <http://maq.sourceforge.net/>

**Proper Citation:** Maq (RRID:SCR\_005485)

**Description:** A set of programs that map and assemble fixed-length Solexa/SOLiD reads in a fast and accurate way.

**Abbreviations:** Maq

**Synonyms:** mapass2, Mapping and Assembly with Quality, Mapping and Assembly with Qualities, Maq: Mapping and Assembly with Qualities

**Resource Type:** software resource

**Defining Citation:** [DOI:10.1101/gr.078212.108](https://doi.org/10.1101/gr.078212.108)

**Keywords:** command-line, curses/ncurses, opengl, c, c++, perl, bio.tools

**Funding:**

**Availability:** GNU General Public License, v2

**Resource Name:** Maq

**Resource ID:** SCR\_005485

**Alternate IDs:** biotools:maq, OMICS\_00668

**Alternate URLs:** <https://bio.tools/maq>, <https://sources.debian.org/src/maq/>

**Record Creation Time:** 20220129T080230+0000

**Record Last Update:** 20250420T014253+0000

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## Ratings and Alerts

No rating or validation information has been found for Maq.

No alerts have been found for Maq.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 66 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Xing Y, et al. (2024) Multi-omics approach to improve patient-tailored therapy using immune checkpoint blockade and cytokine-induced killer cell infusion in an elderly patient with lung cancer: A case report and literature review. *Oncology letters*, 27(5), 203.

Shi M, et al. (2024) Genetic and microenvironmental evolution of colorectal liver metastases under chemotherapy. *Cell reports. Medicine*, 5(12), 101838.

Armani-Tourret M, et al. (2024) Selection of epigenetically privileged HIV-1 proviruses during treatment with panobinostat and interferon- $\alpha$ . *Cell*, 187(5), 1238.

You S, et al. (2024) Thermal acclimation uncovers a simple genetic basis of adaptation to high temperature in a cosmopolitan pest. *iScience*, 27(3), 109242.

Han S, et al. (2023) Whole-genome sequencing analysis of suicide deaths integrating brain-regulatory eQTLs data to identify risk loci and genes. *Molecular psychiatry*, 28(9), 3909.

Liu Z, et al. (2023) Absence of Lugol staining indicates initiation of esophageal squamous cell carcinoma: A combined genomic and epidemiologic study. *Cell reports. Medicine*, 4(9), 101168.

Lian X, et al. (2023) Progressive transformation of the HIV-1 reservoir cell profile over two decades of antiviral therapy. *Cell host & microbe*, 31(1), 83.

Kamata T, et al. (2022) Statins mediate anti- and pro-tumourigenic functions by remodelling the tumour microenvironment. *Disease models & mechanisms*, 15(2).

Einkauf KB, et al. (2022) Parallel analysis of transcription, integration, and sequence of single HIV-1 proviruses. *Cell*, 185(2), 266.

Han X, et al. (2021) Targeted sequencing of NOTCH signaling pathway genes and association analysis of variants correlated with mandibular prognathism. *Head & face medicine*, 17(1), 17.

Nin DS, et al. (2021) GAGE mediates radio resistance in cervical cancers via the regulation of chromatin accessibility. *Cell reports*, 36(9), 109621.

Kotsantis P, et al. (2020) RTEL1 Regulates G4/R-Loops to Avert Replication-Transcription Collisions. *Cell reports*, 33(12), 108546.

Wong LL, et al. (2020) Skim-Sequencing Based Genotyping Reveals Genetic Divergence of the Wild and Domesticated Population of Black Tiger Shrimp (*Penaeus monodon*) in the Indo-Pacific Region. *Biology*, 9(9).

Rother N, et al. (2020) Hydroxychloroquine Inhibits the Trained Innate Immune Response to Interferons. *Cell reports. Medicine*, 1(9), 100146.

Iparraguirre L, et al. (2020) Whole-Transcriptome Analysis in Peripheral Blood Mononuclear Cells from Patients with Lipid-Specific Oligoclonal IgM Band Characterization Reveals Two Circular RNAs and Two Linear RNAs as Biomarkers of Highly Active Disease. *Biomedicines*, 8(12).

Nabet BY, et al. (2020) Noninvasive Early Identification of Therapeutic Benefit from Immune Checkpoint Inhibition. *Cell*, 183(2), 363.

Yang W, et al. (2019) Immunogenic neoantigens derived from gene fusions stimulate T cell responses. *Nature medicine*, 25(5), 767.

Zatreanu D, et al. (2019) Elongation Factor TFIIIS Prevents Transcription Stress and R-Loop Accumulation to Maintain Genome Stability. *Molecular cell*, 76(1), 57.

Chang TH, et al. (2019) Maelstrom Represses Canonical Polymerase II Transcription within Bi-directional piRNA Clusters in *Drosophila melanogaster*. *Molecular cell*, 73(2), 291.

Berdejo D, et al. (2019) Sub-Inhibitory Doses of Individual Constituents of Essential Oils Can Select for *Staphylococcus aureus* Resistant Mutants. *Molecules (Basel, Switzerland)*, 24(1).