

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 11, 2025

## featureCounts

RRID:SCR\_012919

Type: Tool

---

### Proper Citation

featureCounts (RRID:SCR\_012919)

---

### Resource Information

**URL:** <http://bioinf.wehi.edu.au/featureCounts/>

**Proper Citation:** featureCounts (RRID:SCR\_012919)

**Description:** A read summarization program, which counts mapped reads for the genomic features such as genes and exons.

**Abbreviations:** featureCounts

**Synonyms:** featureCounts: a universal read summarization program

**Resource Type:** software resource

**Defining Citation:** [PMID:24227677](https://pubmed.ncbi.nlm.nih.gov/24227677/)

**Keywords:** bio.tools

**Funding:**

**Resource Name:** featureCounts

**Resource ID:** SCR\_012919

**Alternate IDs:** biotools:featurecounts, OMICS\_01160

**Alternate URLs:** <https://bio.tools/featurecounts>

**Record Creation Time:** 20220129T080313+0000

**Record Last Update:** 20250410T070316+0000

---

## Ratings and Alerts

No rating or validation information has been found for featureCounts.

No alerts have been found for featureCounts.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 9518 mentions in open access literature.

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

Wang K, et al. (2025) Exploring the Role of Ccn3 in Type III Cell of Mice Taste Buds. *Journal of neurochemistry*, 169(1), e16291.

Gao K, et al. (2025) HERB 2.0: an updated database integrating clinical and experimental evidence for traditional Chinese medicine. *Nucleic acids research*, 53(D1), D1404.

Meng X, et al. (2025) GTO: a comprehensive gene therapy omnibus. *Nucleic acids research*, 53(D1), D1393.

Jeyagaran A, et al. (2025) ECM Proteins Nidogen-1 and Decorin Restore Functionality of Human Islets of Langerhans upon Hypoxic Conditions. *Advanced healthcare materials*, 14(2), e2403017.

Mao W, et al. (2025) Encocyanin promotes osteogenesis and bone regeneration by inhibiting MMP9. *International journal of molecular medicine*, 55(1).

Dai D, et al. (2025) Landscape of the Peripheral Immune Response Induced by Intraoperative Radiotherapy Combined with Surgery in Early Breast Cancer Patients. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(1), e2308174.

Sayour NV, et al. (2025) Comparison of mouse models of heart failure with reduced ejection fraction. *ESC heart failure*, 12(1), 87.

Tihagam RD, et al. (2025) The TRIM37 variant rs57141087 contributes to triple-negative breast cancer outcomes in Black women. *EMBO reports*, 26(1), 245.

Zhang J, et al. (2025) Histone methyltransferases MLL2 and SETD1A/B play distinct roles in H3K4me3 deposition during the transition from totipotency to pluripotency. *The EMBO journal*, 44(2), 437.

Guo Y, et al. (2025) Single-Cell Multi-Omics Analysis of In Vitro Post-Ovulatory-Aged

Oocytes Revealed Aging-Dependent Protein Degradation. *Molecular & cellular proteomics : MCP*, 24(1), 100882.

Fenn J, et al. (2025) An ultra-early, transient interferon-associated innate immune response associates with protection from SARS-CoV-2 infection despite exposure. *EBioMedicine*, 111, 105475.

Perkins B, et al. (2025) Dnmt3a-dependent de novo DNA methylation enforces lineage commitment and preserves functionality of memory Th1 and Tfh cells. *bioRxiv : the preprint server for biology*.

Perez-Penco M, et al. (2025) The antitumor activity of TGF $\beta$ -specific T cells is dependent on IL-6 signaling. *Cellular & molecular immunology*, 22(1), 111.

Zhang F, et al. (2025) Impact of Lysine to Methionine Ratios on Antioxidant Capacity and Immune Function in the Rumen of Tibetan Sheep: An RNA-Seq Analysis. *Veterinary medicine and science*, 11(1), e70173.

Wu L, et al. (2025) RNALocate v3.0: Advancing the Repository of RNA Subcellular Localization with Dynamic Analysis and Prediction. *Nucleic acids research*, 53(D1), D284.

Lengyel M, et al. (2025) Zymogen granule protein 16B (ZG16B) is a druggable epigenetic target to modulate the mammary extracellular matrix. *Cancer science*, 116(1), 81.

He Y, et al. (2025) RPS 2.0: an updated database of RNAs involved in liquid-liquid phase separation. *Nucleic acids research*, 53(D1), D299.

Großkinsky DK, et al. (2025) Structure-function relation of cytokinins determines their differential efficiency in mediating tobacco resistance against *Pseudomonas syringae*. *Physiologia plantarum*, 177(1), e70028.

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.

Cao Y, et al. (2025) An interferon-stimulated long non-coding RNA USP30-AS1 as an immune modulator in influenza A virus infection. *PLoS pathogens*, 21(1), e1012854.