

Resource Summary Report

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Gemma

RRID:SCR_008007

Type: Tool

Proper Citation

Gemma (RRID:SCR_008007)

Resource Information

URL: <http://www.chibi.ubc.ca/Gemma>

Proper Citation: Gemma (RRID:SCR_008007)

Description: Resource for reuse, sharing and meta-analysis of expression profiling data. Database and set of tools for meta analysis, reuse and sharing of genomics data. Targeted at analysis of gene expression profiles. Users can search, access and visualize coexpression and differential expression results.

Abbreviations: Gemma

Resource Type: database, data or information resource

Defining Citation: [PMID:22782548](#)

Keywords: chip, microarray, functional genomics, gene expression, coexpression, differential expression, FASEB list

Funding: NIGMS GM076990;
Canadian Foundation for Innovation ;
Michael Smith Foundation for Health Research ;
Canadian Institutes for Health Research

Availability: Free, Freely available

Resource Name: Gemma

Resource ID: SCR_008007

Alternate IDs: nif-0000-08127, r3d100012747

Alternate URLs: <https://sources.debian.org/src/gemma/>,
<https://doi.org/10.17616/R36R54>, <https://doi.org/10.17616/R36R54>

License: Apache License v2

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260803T040516+0000

Ratings and Alerts

No rating or validation information has been found for Gemma.

No alerts have been found for Gemma.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1112 mentions in open access literature.

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

Yang R, et al. (2026) Population structure and genome-wide association study of body conformation traits of two native goat breeds in China. *Animal bioscience*, 39(1), 250334.

Tu Y, et al. (2026) Identification of molecular markers associated with comb traits through genome-wide association study on a specialized strain of yellow feathered broilers. *Poultry science*, 105(1), 106125.

Liu W, et al. (2025) GRB2 Promotes Malignant Behaviors of Breast Cancer by Modulating the Global Expression and Alternative Splicing Profiles in SK-BR-3 Cells Through Binding mRNA. *Cancer medicine*, 14(10), e70905.

Zhao Y, et al. (2025) GRAMMAR-Lambda Delivers Efficient Understanding of the Genetic Basis for Head Size in Catfish. *Biology*, 14(1).

Chen D, et al. (2025) Genome-wide association study and subsequent functional analysis reveal regulatory mechanism underlying piglet diarrhea. *Animal bioscience*, 38(4), 612.

Luo N, et al. (2025) Identification of regulatory loci and candidate genes related to body weight traits in broilers based on different models. *BMC genomics*, 26(1), 513.

Zhenyu W, et al. (2025) A meta-analysis of genome-wide association studies revealed significant QTL and candidate genes for loin muscle area in three breeding pigs. *Scientific reports*, 15(1), 18758.

Orgil BO, et al. (2025) Unraveling the genetic blueprint of doxorubicin-induced cardiotoxicity through systems genetics approaches. *Cardio-oncology* (London, England), 11(1), 53.

Hanchard N, et al. (2025) Aberrant One-Carbon Metabolism and Ancestral Genetics Underlie Edematous Severe Acute Malnutrition. Research square.

Xue H, et al. (2025) The Genomic Basis of the Tristylous Floral Polymorphism: Evidence for a Role of Gene Duplications in a Region of Restricted Recombination. Molecular biology and evolution, 42(8).

Huang J, et al. (2025) Identification and validation of LDHA and SLC16A1 for predicting prognosis and diagnosis in lower-grade glioma. Discover oncology, 16(1), 1511.

Zhang K, et al. (2025) miR-34a-5p modulation of polycystic ovary syndrome via targeting the NOTCH signaling pathway. Journal of ovarian research, 18(1), 55.

Yang C, et al. (2025) ERCC3 serves as a prognostic biomarker for hepatocellular carcinoma and positively regulates cell proliferation and migration. Discover oncology, 16(1), 419.

Zhao X, et al. (2025) Genome-wide association study and candidate gene analysis of reproductive traits in Yili geese. Poultry science, 104(6), 105127.

Joukhadar R, et al. (2025) Stable pleiotropic loci controlling the accumulation of multiple nutritional elements in wheat. TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik, 138(5), 95.

Santhanam N, et al. (2025) RatXcan: A framework for cross-species integration of genome-wide association and gene expression data. PLoS genetics, 21(3), e1011583.

Tatzl E, et al. (2025) Deficiency of the Synaptic Adhesion Protein Leucine-Rich Repeat Transmembrane Protein 4 Like 1 Affects Anxiety and Aggression in Zebrafish. Acta physiologica (Oxford, England), 241(5), e70042.

Zheng P, et al. (2025) Stripe rust fungi hijack a host transcriptional repressor to induce TaSWEET14d for enhanced sugar uptake in wheat. Science advances, 11(28), eadv1760.

Heller LI, et al. (2025) Target the Heart: A New Axis of Alzheimer's Disease Prevention. Journal of dementia and alzheimer's disease, 2(2).

Jie H, et al. (2025) Genome-wide association study identifying immune markers in Qingyuan partridge chickens infected with avian Leukosis virus subgroup J. Poultry science, 104(11), 105732.