Resource Summary Report

Generated by PRECISE-TBI on Sep 19, 2026

Gecko

RRID:SCR_009001
Type: Tool

Proper Citation

Gecko (RRID:SCR_009001)

Resource Information

URL: http://geckoe.sourceforge.net/

Proper Citation: Gecko (RRID:SCR_009001)

Description: A complete, high-capacity centralized gene expression analysis system, developed in response to the needs of a distributed user community.

Abbreviations: Gecko

Synonyms: Gene Expression: Computation and Knowledge Organization, Geckoe

Resource Type: software resource

Defining Citation: PMID:15588317

Resource Name: Gecko

Resource ID: SCR_009001

Alternate IDs: OMICS_00758

Record Creation Time: 20220129T080250+0000

Record Last Update: 20260912T195711+0000

Ratings and Alerts

No rating or validation information has been found for Gecko.

No alerts have been found for Gecko.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 547 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Al-Mesitef S, et al. (2026) Context-specific Angiogenin-mediated tRNA fragments (tDRs) biogenesis shapes the mitochondrial stress response. Redox biology, 90, 104038.

Li SY, et al. (2026) ABTB1 modulates EGFR signaling and confers icotinib sensitivity in lung adenocarcinoma. Respiratory research, 27(1).

Xu F, et al. (2026) Convergent targeting of FUNDC1-dependent mitophagy sensitises and overcomes resistance to EGFR inhibition. Clinical and translational medicine, 16(5), e70685.

Moreira Gabriel E, et al. (2026) Pharmacological and genetic modulation of IL-32 expression in intestinal epithelial cells does not impact HIV-1 outgrowth in co-cultured CD4+ T-cells. Frontiers in immunology, 17, 1769388.

Lin B, et al. (2026) O-GlcNAcylation of UGDH regulates its activity and remodels the extracellular matrix to facilitate tumor growth. Cell death and differentiation, 33(3), 574.

Dogan H, et al. (2026) MDC1 counteracts replication fork reversal and mediates chemosensitivity in BRCA1/2-deficient tumors. Oncogene, 45(4), 491.

Kolak A, et al. (2026) miR-940 suppresses ferroptosis by controlling expression of key regulatory genes. bioRxiv : the preprint server for biology.

Liang J, et al. (2026) Unveiling DEFB1 as a novel driver and promising therapeutic target in lung adenocarcinoma. Cell death & disease, 17(1).

Drepanos LM, et al. (2026) Balancing off-target and on-target considerations for optimized CRISPR-Cas9 knockout library design. Cell genomics, 6(5), 101190.

Krey K, et al. (2026) The ISG Atlas: a loss-of-function analysis characterizes antiviral properties of interferon stimulated genes. Nature communications, 17(1).

Wang J, et al. (2026) CRISPR Screens Identify PIK3C2A as a Novel Mediator of EGFR Inhibitor Resistance in Head and Neck Squamous Cell Carcinoma. Head & neck, 48(2), 486.

Solomon CU, et al. (2026) Integrative functional genomics analysis identifies pleiotropic genes for vascular diseases. Nature communications, 17(1).

Zhang Y, et al. (2026) Cytosolic acetyl-coenzyme A is a signalling metabolite to control mitophagy. Nature, 649(8098), 1022.

De Biaggi JS, et al. (2026) Enzyme-constrained genome-scale model of Yarrowia lipolytica predicts growth-phase specific metabolic engineering targets. Applied microbiology and biotechnology, 110(1).

Sun J, et al. (2026) In Vivo CRISPR Screening Identifies the Glutamate Receptor GRIA2 as Promoting Peritoneal Metastasis of Gastric Cancer via Calcium-Dependent ??-Catenin Activation. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(28), e21746.

Gao X, et al. (2026) CUL5 E3 ubiquitin ligase regulates the evasion of bladder cancer cells to CD8+ T cell-mediated killing by inhibiting autophagy. PLoS biology, 24(2), e3003647.

Mazzei A, et al. (2026) Functional CRISPR-Cas9 knockout screening of the genetic determinants of human fibroblast migration propensity. Biotechnology progress, 42(1), e70076.

Chalar R, et al. (2026) Metabolic plasticity of sphingolipids governs cancer cell fitness in acidic tumor ecosystems. bioRxiv : the preprint server for biology.

Nguyen QV, et al. (2026) Genome-wide CRISPR screens in primary human natural killer cells identify countermeasures against immunosuppressive environment. Nature communications, 17(1).

Lai S, et al. (2026) Proinsulin regulators identified with CRISPR screen and in vivo mouse QTL mapping. Nature communications, 17(1).