

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 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: 20260801T190357+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

Usage and Citation Metrics

We found 500 mentions in open access literature.

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

Yu Y, et al. (2025) A Genome-Wide Synthetic Lethal Screen Identifies Spermidine Synthase as a Target to Enhance Erdafitinib Efficacy in FGFR-Mutant Bladder Cancer. *Cancer research*, 85(12), 2288.

Dupzyk AJ, et al. (2025) Dissecting the host determinants of flavivirus infection using QIC-seq. *bioRxiv : the preprint server for biology*.

Maruyama K, et al. (2025) Mechanisms of KRAS inhibitor resistance in KRAS-mutant colorectal cancer harboring Her2 amplification and aberrant KRAS localization. *NPJ precision oncology*, 9(1), 4.

Tian M, et al. (2025) Genetic modulation of rare earth nanoparticle biotransformation shapes biological outcomes. *Nature communications*, 16(1), 3429.

Zhang N, et al. (2025) FBXO31-mediated ubiquitination of OGT maintains O-GlcNAcylation homeostasis to restrain endometrial malignancy. *Nature communications*, 16(1), 1274.

Shi L, et al. (2025) Genome-scale CRISPR screen identifies TMEM198 driving double membrane vesicle formation in swine alphacoronavirus and murine betacoronavirus infected cells. *PLoS pathogens*, 21(5), e1013211.

Li Y, et al. (2025) Plasmolipin deficiency is essential for HUVECs survival under hypoxic conditions. *Cell death discovery*, 11(1), 239.

Zhao H, et al. (2025) Targeting COPA to Enhance Erdafitinib Sensitivity in FGFR-Altered Bladder Cancer. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(18), e2413209.

Dougherty MW, et al. (2025) Genome-scale CRISPR/Cas9 screening reveals the role of PSMD4 in colibactin-mediated cell cycle arrest. *mSphere*, 10(3), e0069224.

Wan TR, et al. (2025) Genome-wide CRISPR Screening Identifies NF- κ B and c-MET as Druggable Targets to Sensitize Lenvatinib Treatment in Hepatocellular Carcinoma. *Cellular and molecular gastroenterology and hepatology*, 19(7), 101502.

Ramalho S, et al. (2025) NAC regulates metabolism and cell fate in intestinal stem cells. *Science advances*, 11(2), eadn9750.

Parisien M, et al. (2025) Sex-specific genetics underlie increased chronic pain risk in women: genome-wide association studies from the UK Biobank. *British journal of anaesthesia*, 135(2), 401.

Murphy DP, et al. (2025) Mechanisms of photoreceptor protection upon targeting the Nrl-Nr2e3 pathway. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2500446122.

Xue C, et al. (2025) GLI2-HRD1 axis facilitates 5-FU resistance in gastric cancer cells by regulating ubiquitination degradation of UCK2. *Translational oncology*, 58, 102423.

Sunshine S, et al. (2025) Defining the host dependencies and the transcriptional landscape of RSV infection and bystander activation. *bioRxiv : the preprint server for biology*.

Kuzmina A, et al. (2025) Genome-wide CRISPR knockout screen identifies activating transcription factor (ATF1) as an activator of HIV gene expression. *mBio*, 16(8), e0055725.

Li W, et al. (2025) The inner nuclear membrane protein LEMD3 organizes the 3D chromatin architecture to maintain vascular smooth muscle cell identity. *Nature communications*, 16(1), 8826.

Ling J, et al. (2025) Dual roles of exostosin glycosyltransferase 1 in Zika virus infection. *Virulence*, 16(1), 2458681.

Cakiroglu E, et al. (2025) Genome-wide CRISPR screen identifies BUB1 kinase as a druggable vulnerability in malignant pleural mesothelioma. *Cell death & disease*, 16(1), 241.

Zhao B, et al. (2025) Targeted inhibition of PDGFRA with avapritinib, markedly enhances lenvatinib efficacy in hepatocellular carcinoma in vitro and in vivo: clinical implications. *Journal of experimental & clinical cancer research : CR*, 44(1), 139.