

Resource Summary Report

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Gene Expression Profiling Interactive Analysis

RRID:SCR_018294

Type: Tool

Proper Citation

Gene Expression Profiling Interactive Analysis (RRID:SCR_018294)

Resource Information

URL: <http://gepia.cancer-pku.cn>

Proper Citation: Gene Expression Profiling Interactive Analysis (RRID:SCR_018294)

Description: Web server for cancer and normal gene expression profiling and interactive analyses. Interactive web server for analyzing RNA sequencing expression data of tumors and normal samples from TCGA and GTEx projects, using standard processing pipeline. Provides customizable functions such as tumor or normal differential expression analysis, profiling according to cancer types or pathological stages, patient survival analysis, similar gene detection, correlation analysis and dimensionality reduction analysis.

Abbreviations: GEPIA

Resource Type: analysis service resource, data access protocol, production service resource, service resource, software resource, web service

Defining Citation: [PMID:28407145](#)

Keywords: Cancer gene expression, normal gene expression, analysis, RNA sequencing, expression data, TCGA project, GTEx project, patient survival analysis, correlation analysis

Related Condition: Cancer

Funding: National Natural Science Foundation of China ;
Peking University

Availability: Free, Freely available

Resource Name: Gene Expression Profiling Interactive Analysis

Resource ID: SCR_018294

Record Creation Time: 20220129T080339+0000

Ratings and Alerts

No rating or validation information has been found for Gene Expression Profiling Interactive Analysis.

No alerts have been found for Gene Expression Profiling Interactive Analysis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7126 mentions in open access literature.

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

Cao Z, et al. (2026) Study on the mechanism of PSENEN in modulating cisplatin resistance in NSCLC through stromal cell interactions. International immunopharmacology, 169, 116037.

Wang D, et al. (2026) PRMT5 is Frequently Upregulated and a Potential Therapeutic Target in MTAP-deficient Malignant Peripheral Nerve Sheath Tumors. bioRxiv : the preprint server for biology.

Li L, et al. (2026) The vesicle transport gene SEC23A is a novel prognostic indicator and therapeutic target in gastric cancer. Frontiers in oncology, 16, 1728472.

Manoukian P, et al. (2026) Estrogen Production in Pancreatic Cancer Shapes a Tumor-Suppressive Stromal Microenvironment. Cancer research, 86(3), 571.

Liu Y, et al. (2026) C1QBP-STAT1 Interaction Promotes Activation of the c-Myc-CHK1/CHK2 Signaling Axis and Radioresistance in Lung Cancer. Molecular cancer research : MCR, 24(5), 315.

Choudhury SR, et al. (2026) HOXC6 overexpression stimulates cell migration and correlates with poor prognosis in head and neck squamous cell carcinoma. Cellular and molecular life sciences : CMLS, 83(1), 77.

Capik O, et al. (2026) CCL26-Mediated Modulation of Endothelial Secretome by Hypoxia-Induced Tumor-Derived Exosomes Enhances Metastatic Progression in Head and Neck Cancer. Head & neck, 48(9), 2377.

Niu H, et al. (2026) BRD4 Induces Esophageal Squamous Cell Carcinoma Progression via the Wnt/ β -catenin Pathway. Biochemical genetics, 64(1), 446.

Liu S, et al. (2026) Clinical significance and molecular mechanism of CDX2-CBX3 regulatory axis in lung adenocarcinoma progression. Translational oncology, 63, 102590.

Isayel M, et al. (2026) Bioinformatics-Based Discovery of Therapeutic Targets in Cadmium-Induced Lung Adenocarcinoma: The Role of Oxyresveratrol. *Biological trace element research*, 204(2), 1068.

Følling I, et al. (2026) Distribution of glucagon-like peptide 1 receptor and insulin in pheochromocytomas. *Endocrine connections*, 15(1).

Sorrentino C, et al. (2026) Rewiring melanoma cell fate: TRPM8 modulators trigger apoptosis and boost NK cell cytotoxicity. *Cell death & disease*, 17(1), 223.

Liu Q, et al. (2026) The tumor-suppressive function of the unique H domain of FCGBP and its potential as a therapeutic target in colorectal cancer. *BMC cancer*, 26(1).

Zhao X, et al. (2026) UBR5 regulates the progression of colorectal cancer cells through Snail-induced epithelial-mesenchymal transition. *Genes & diseases*, 13(2), 101679.

Ni J, et al. (2026) PEAK1 promotes prostate cancer progression and docetaxel resistance by mediating the polarization of tumor-associated macrophages. *European journal of medical research*, 31(1), 41.

Arora M, et al. (2026) Integrated in silico and in vitro evaluation of Genistein and Apigenin as dual inhibitors of PARP1 and ESR1 in breast cancer. *BMC pharmacology & toxicology*, 27(1), 7.

Chen Z, et al. (2026) AVIL promotes osteosarcoma progression and cisplatin resistance via ARP2/3-mediated DNA damage repair. *Translational oncology*, 64, 102654.

Li X, et al. (2026) MUC14 suppresses lung adenocarcinoma via integrin $\alpha 8$ /PI3K/AKT/MAPK modulating cisplatin response and immunity. *Scientific reports*, 16(1).

Liu M, et al. (2026) BUB1 promotes cell stem-like properties and serves as a diagnostic biomarker for lung cancer. *Scientific reports*, 16(1).

Yang T, et al. (2026) Exosome-transmitted long noncoding RNA SNHG1 promotes prostate cancer bone metastasis via YBX1/MMP16 axis. *Cell death discovery*, 12(1), 7.