Resource Summary Report

Generated by NIF on Sep 11, 2026

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

Record Last Update: 20260905T132834+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 NIF .

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/?-catenin Pathway. Biochemical genetics, 64(1), 446.

Is?yel 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.

Ni Q, et al. (2026) Androgen receptors protect against thoracic aortic dissection via inhibiting ferroptosis of vascular smooth muscle cells in male patients. Chinese medical journal, 139(11), 1700.

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

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.

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.

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

Putra WE, et al. (2026) Integrative computational approach to farnesyltransferase inhibition toward anti-liver cancer drug candidate from Syzygium cumini essential oils. Molecular biology research communications, 15(1), 49.

Liu X, et al. (2026) Identification of multigene predictors of prognosis in patients with ovarian cancer. iScience, 29(3), 114932.

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

Ribeiro DA Costa REA, et al. (2026) Immune Network Construction and Prognostic Evaluation of Checkpoint Genes in Endometrial Cancer Using STRING, MCODE, and GEPIA2. Cancer diagnosis & prognosis, 6(2), 335.