Resource Summary Report

Generated by <u>dkNET</u> on May 2, 2025

UALCAN

RRID:SCR_015827 Type: Tool

Proper Citation

UALCAN (RRID:SCR_015827)

Resource Information

URL: http://ualcan.path.uab.edu/cgi-bin/ualcan-res.pl

Proper Citation: UALCAN (RRID:SCR_015827)

Description: Web application and database for analyzing cancer transcriptome data. It also has applications is facilitating tumor subgroup gene expression and survival analyses.

Resource Type: software resource, web application, sequence analysis software, database, data processing software, data analysis software, software application, data or information resource

Defining Citation: PMID:28732212

Keywords: tumor, gene expression, survival analysis, cancer transcriptome data, sequencing, biomarker, bio.tools, FASEB list

Funding:

Availability: Freely available

Resource Name: UALCAN

Resource ID: SCR_015827

Alternate IDs: biotools:UALCAN

Alternate URLs: https://bio.tools/UALCAN

Record Creation Time: 20220129T080327+0000

Ratings and Alerts

No rating or validation information has been found for UALCAN.

No alerts have been found for UALCAN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2370 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Wang R, et al. (2025) Estrogen sulfotransferase SULT1E1 expression correlates with progression and prognosis of lung adenocarcinoma. Scientific reports, 15(1), 925.

Zhou T, et al. (2025) Multiomic characterization, immunological and prognostic potential of SMAD3 in pan-cancer and validation in LIHC. Scientific reports, 15(1), 657.

Ghionescu AV, et al. (2025) The endoplasmic reticulum degradation-enhancing ?mannosidase-like protein 3 attenuates the unfolded protein response and has pro-survival and pro-viral roles in hepatoma cells and hepatocellular carcinoma patients. Journal of biomedical science, 32(1), 11.

Ahmadi M, et al. (2025) Bioinformatics analysis of mitochondrial metabolism-related genes demonstrates their importance in renal cell carcinoma. Discover oncology, 16(1), 28.

Zhao Y, et al. (2025) Mir-615-5p inhibits cervical cancer progression by targeting TMIGD2. Hereditas, 162(1), 4.

Zhang L, et al. (2025) Comprehensive analysis pinpoints CCNA2 as a prognostic and immunological biomarker in non-small cell lung cancer. BMC pulmonary medicine, 25(1), 14.

Huang H, et al. (2025) Comprehensive analyses reveal the promising value of gasdermins as prognostic biomarkers and immunotherapeutic targets in head and neck squamous cell carcinoma. Heliyon, 11(1), e41213.

Chaharlashkar Z, et al. (2025) Metastatic melanoma: An integrated analysis to identify critical regulators associated with prognosis, pathogenesis and targeted therapies. PloS one, 20(1), e0312754.

Zhang K, et al. (2025) FTO effects the proliferation, invasion, and glycolytic metabolism of colon cancer by regulating PKM2. Journal of cancer research and clinical oncology, 151(1), 36.

Zhou L, et al. (2025) Dual role of Cathepsin S in cutaneous melanoma: insights from mendelian randomization and bioinformatics analysis. BMC cancer, 25(1), 104.

Aggarwal N, et al. (2025) Insights into expression and localization of HPV16 LCR-associated transcription factors and association with LCR activity in HNSCC. Molecular therapy. Oncology, 33(1), 200926.

Liang R, et al. (2025) CD155 promotes the progression of colorectal cancer by restraining CD8+ T cells via the PI3K/AKT/NF-?B pathway. Cancer immunology, immunotherapy : CII, 74(3), 94.

Yang L, et al. (2025) S100A16 stabilizes the ITGA3?mediated ECM?receptor interaction pathway to drive the malignant properties of lung adenocarcinoma cells via binding MOV10. Molecular medicine reports, 31(1).

Li K, et al. (2025) Targeting STK26 and ATG4B: miR-22-3p as a modulator of autophagy and tumor progression in HCC. Translational oncology, 51, 102214.

Li C, et al. (2025) RNF112, whose transcription is regulated by KLF4, inhibits colorectal cancer growth via promoting ubiquitin-dependent degradation of NAA40. Cell biology and toxicology, 41(1), 22.

Pang J, et al. (2025) Multiomics analysis reveals the involvement of NET1 in tumour immune regulation and malignant progression. Scientific reports, 15(1), 56.

Verma RK, et al. (2025) Comprehensive analysis of inhibin-? A as a potential biomarker for gastrointestinal tract cancers through bioinformatics approaches. Scientific reports, 15(1), 1090.

M D, et al. (2025) Differential gene expression profile in Porphyromonas gingivalis treated human gingival keratinocytes and their role in the development of HNSCC. Journal of oral biology and craniofacial research, 15(1), 48.

Zhang L, et al. (2025) Identification of MORF4L1 as an endogenous substrate of CRBN and its potential role as a therapeutic target in cancer. Scientific reports, 15(1), 2384.

Yang Y, et al. (2025) AURKB affects the proliferation of clear cell renal cell carcinoma by regulating fatty acid metabolism. Discover oncology, 16(1), 91.