

Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

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

Defining Citation: [PMID:28732212](https://pubmed.ncbi.nlm.nih.gov/28732212/)

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

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

Record Last Update: 20260905T132800+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 3128 mentions in open access literature.

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

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.

Ma Z, et al. (2026) Elevated PTK6 expression is associated with tumor immune microenvironment remodeling and predicts poor prognosis in endometrial carcinoma. *Frontiers in medicine*, 13, 1842564.

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.

Gulbey O, et al. (2026) Integrated Bioinformatics and Experimental Analysis of Argonaute Family Members in Pancreatic Adenocarcinoma. *In vivo (Athens, Greece)*, 40(1), 123.

Wang J, et al. (2026) UBE2I promotes immune infiltration and tumor progression in thyroid cancer and modulates hnRNPA2B1 SUMOylation. *The Journal of biological chemistry*, 302(2), 111091.

Cai H, et al. (2026) The role of PLOD family genes in liver hepatocellular carcinoma: from mechanisms to therapeutic potential. *BMC cancer*, 26(1), 172.

Zhu Z, et al. (2026) TLR4 promotes ESCC progression by driving inflammation and metabolic reprogramming through SLC39A10-mediated zinc homeostasis. *Journal of translational medicine*, 24(1), 138.

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

Bai M, et al. (2026) Comprehensive Analysis of the Expression and Prognostic Significance of NPAS1 in Patients with Colorectal Adenocarcinoma Based on Bioinformatics. *International journal of general medicine*, 19, 556875.

Wang S, et al. (2026) MMP1 is a promising prognostic, therapeutic and immunological biomarker for pancreatic cancer: evidence from bioinformatics analysis and biological experiments. *BMC cancer*, 26(1).

Maity A, et al. (2026) TGF?-Mediated Overexpression of Podoplanin Serves as a Potential Diagnostic Biomarker in Acute Promyelocytic Leukemia. *Molecular carcinogenesis*, 65(5),

Ding J, et al. (2026) Linc-ROR orchestrates autophagy suppression and marks gastric cancer via the miR-145-5p/CARMIL1 axis. *Cell biology and toxicology*, 42(1).

Jing Y, et al. (2026) A TXNIP-driven bioluminescent reporter for high-throughput discovery of glycolytic inhibitors against renal cell carcinoma. *BMC biotechnology*, 26(1).

Chen Z, et al. (2026) ncRNA-Mediated Upregulation of AURKA Promotes Hepatocellular Carcinoma Progression and Alters the Immune Microenvironment. *Bioinformatics and biology insights*, 20, 11779322261435461.

Zhang L, et al. (2026) PPP4C-related metastasis genes serve as a prognostic signature and potential therapeutic target in renal cell carcinoma. *Discover oncology*, 17(1).

Deng R, et al. (2026) Integrated multi-omics analysis and functional validation reveal the role of TRIM2 as a potential novel biomarker in breast cancer. *Breast cancer research : BCR*, 28(1).

Wang S, et al. (2026) MCT4 deficiency suppresses tumor incidence and metastasis by downregulating IGF1 expression and enhancing anti-tumor immunity. *Communications biology*, 9(1).

Nirmal S, et al. (2026) The TMPO-AS1/hsa-let-7b-5p regulatory axis shapes transcriptional heterogeneity and immune landscape in lung adenocarcinoma. *Cell division*, 21(1).

Zhang N, et al. (2026) SNHG12 drives gastric cancer progression by activating the Wnt/ β -catenin-mediated serine synthesis pathway. *Journal of translational medicine*, 24(1).

Kong Q, et al. (2026) The integrated analysis of PRDX3 in lung cancer: biomarker potential and therapeutic target prospects. *Respiratory research*, 27(1).