

Resource Summary Report

Generated by SPARC SAWG on Aug 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: web application, sequence analysis software, data or information resource, software resource, software application, database, data analysis software, data processing software

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: 20260808T190045+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 [SPARC SAWG](#) .

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.

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.

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.

Kim U, et al. (2026) Epitranscriptomic Regulation of Platinum Resistance via the METTL3-ADAM23 Axis in Ovarian Cancer. *Cells*, 15(3).

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), 556.

Razmi M, et al. (2026) Talin1 is downregulated in testicular germ cell tumors according to combined bioinformatics and experimental approaches. *Scientific reports*, 16(1), 6557.

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).

Xie X, et al. (2026) FKBP10 as a prognostic biomarker and therapeutic target in hepatocellular carcinoma. Discover oncology, 17(1).

Jin X, et al. (2026) Downregulation of GNPAT1 impaired proliferation and correlates with immune infiltration in lung adenocarcinoma. Discover oncology, 17(1).

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.

Wang M, et al. (2026) ASF1B promotes gastric cancer liver metastasis through inhibiting ZDHHC9/PCBP1/ SLC7A11 signaling axis mediated ferroptosis. NPJ precision oncology, 10(1), 66.

Shi Z, et al. (2026) Exploring the toxicological impact of N-nitrosodimethylamine (NDMA) exposure on bladder urothelial carcinoma (BLCA) through network toxicology, machine learning, and multi-dimensional bioinformatics analysis. Discover oncology, 17(1).

Fang H, et al. (2026) PLOD2 promotes proliferation, migration and invasion of colorectal cancer cells via PI3K-AKT-GSK3 β signaling pathway. Scientific reports, 16(1).

Song G, et al. (2026) CCT3 Facilitates the Malignant Progression of NSCLC and SCLC via PI3 K/AKT-EMT Axis and Emerges as a Novel Serum Diagnostic Biomarker. Technology in cancer research & treatment, 25, 15330338251412203.

Gao C, et al. (2026) Identification of novel circulating protein biomarkers for hepatocellular carcinoma superior to alpha-fetoprotein through a stemness index and secretome analysis. World journal of surgical oncology, 24(1).