

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 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: database, sequence analysis software, data analysis software, software resource, software application, data processing software, web application, data or information resource

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: 20260728T043505+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 2853 mentions in open access literature.

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

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

Luan R, et al. (2026) Pan-cancer multi-omics reveals DCAF7 as an immune-modulating prognostic driver and Wnt/ β -catenin activator in hepatocellular carcinoma. Clinical and translational medicine, 16(1), e70572.

Ma X, et al. (2026) ARL5B Drives Esophageal Squamous Cell Carcinoma Progression via ROCK1-SREBP1-Mediated Lipid Metabolic Reprogramming. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(1), e12895.

Siadat SA, et al. (2026) The possibility of prognostic and functional values of the 8q24 and 20q13 chromosomal bands in colorectal cancer. Molecular biology research communications, 15(1), 3.

Solomon DD, et al. (2026) Comprehensive characterization of AP-1 adaptor complex genes in lung cancer reveals AP1AR as a novel prognostic and therapeutic biomarker. Journal of Cancer, 17(1), 142.

Chen L, et al. (2026) RNF39 promotes colorectal cancer progression by driving RINT1 degradation and suppressing ER stress-induced apoptosis. Clinical and translational medicine, 16(1), e70577.

Lee J, et al. (2026) Phenotypic discovery and therapeutic evaluation of an ITGA3B1-targeting antibody-drug conjugate for bladder cancer. Science advances, 12(1), eady0041.

Nii M, et al. (2026) Low CTDNEP1 Expression Predicts Poor Prognosis and Is Associated With Immune Modulation in Pancreatic Cancer. Cancer genomics & proteomics, 23(1), 144.

Jin SK, et al. (2026) Deubiquitomic and bioinformatic analyses in cisplatin-treated lung cancer cells. International journal of medical sciences, 23(1), 1.

Zhong L, et al. (2026) Loss of FAT1 drives cyclophosphamide resistance in breast cancer via the Wnt/ β -Catenin pathway. International journal of biological sciences, 22(1), 447.

Pan R, et al. (2026) Basement membrane-associated gene P3H2 regulates osteosarcoma progression and epithelial-mesenchymal transition through AKT/mTOR signaling axis. Translational oncology, 63, 102569.

Liu Y, et al. (2025) Hepatitis B virus core/capsid protein induces hepatocellular carcinoma progression via long non-coding RNA KCNQ1OT1/miR-335-5p/CDC7 axis. *Translational cancer research*, 14(6), 3319.

Mehta V, et al. (2025) Database analysis reveals endophilin A expression as a marker of metastasis and prognosis in breast cancer. *Discover oncology*, 16(1), 1832.

Jiang H, et al. (2025) DCAF7 recruits USP2 to facilitate hepatocellular carcinoma progression by suppressing clockophagy-induced ferroptosis. *Cell death & disease*, 16(1), 654.

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.

Ghionescu AV, et al. (2025) The endoplasmic reticulum degradation-enhancing α -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.

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.

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.

Wang D, et al. (2025) miR-145-5p regulates hepatocellular carcinoma malignant advancement and immune escape via down-regulation of AcylCoA synthase ACSL4. *Biomolecules & biomedicine*, 25(5), 1184.