

Resource Summary Report

Generated by [RRID](#) on Aug 2, 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 or information resource, data analysis software, database, web application, software application, software resource, sequence analysis software, data processing software

Defining Citation: [PMID: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: 20260801T190520+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 [RRID](#) .

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

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.

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.

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.

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.

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.

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

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.

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

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.

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.

Wang SQ, et al. (2025) TFE3 and HIF1 α regulates the expression of SHMT2 isoforms via alternative promoter utilization in ovarian cancer cells. *Cell death & disease*, 16(1), 178.

Dong Y, et al. (2025) A novel multigene panel (Sig27) robustly predicts poor prognosis of renal cell carcinoma via high-level associations with immunosuppressive features. *BJC reports*, 3(1), 16.

Zhou H, et al. (2025) A Novel Systemic siDR6 Delivery System Based on DP7-C for the Treatment of Metastatic Lung Cancer. *International journal of nanomedicine*, 20, 3623.

Li Z, et al. (2025) NSUN4 Facilitates the Activity of Oncogenic Protein CDC20 to Promote NSCLC Development by Mediating m⁵C Modification of CDC20 mRNA. *Thoracic cancer*, 16(5), e70023.

Liu JY, et al. (2025) Molecular subtyping of renal clear cell carcinoma based on prognostic RASSF family genes and validation of C1QL1 as a key prognostic marker. *Scientific reports*, 15(1), 9786.