

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

UM-RC-2

RRID:CVCL_2739

Type: Cell Line

Proper Citation

RRID:CVCL_2739

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2739

Proper Citation: RRID:CVCL_2739

Description: Cell line UM-RC-2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Sex unspecified

Disease: Clear cell renal cell carcinoma

Defining Citation: [PMID:4038766](#), [PMID:7915601](#), [PMID:28489074](#), [PMID:30894373](#), [PMID:31068700](#)

Comments: Population: Caucasian., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: UM-RC-2

Synonyms: UMRC-2, UMRC2, University of Michigan-Renal Carcinoma-2

Cross References: cancercellines:CVCL_2739, CancerTools:160446, Cell_Model_Passport:SIDM01830, Cosmic:972910, DepMap:ACH-001224, ECACC:08090511, GEO:GSM374476, PharmacDB:UMRC2_1645_2019, Progenetix:CVCL_2739, Wikidata:Q54990783, Ximbio:160446

ID: CVCL_2739

Record Creation Time: 20220427T221656+0000

Record Last Update: 20260726T000430+0000

Ratings and Alerts

No rating or validation information has been found for UM-RC-2.

No alerts have been found for UM-RC-2.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Grubb T, et al. (2025) The SLC1A1/EAAT3 dicarboxylic amino acid transporter is an epigenetically dysregulated nutrient carrier that sustains oncogenic metabolic programs. Nature communications, 16(1), 10012.

Koochaki P, et al. (2025) Mechanism and Structure-Guided Optimization of SLC1A1/EAAT3-Selective Inhibitors in Kidney Cancer. bioRxiv : the preprint server for biology.

Riscal R, et al. (2024) Bile Acid Metabolism Mediates Cholesterol Homeostasis and Promotes Tumorigenesis in Clear Cell Renal Cell Carcinoma. Cancer research, 84(10), 1570.

Sueyoshi K, et al. (2021) Multi-tumor analysis of cancer-stroma interactomes of patient-derived xenografts unveils the unique homeostatic process in renal cell carcinomas. iScience, 24(11), 103322.