

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

G-402

RRID:CVCL_1221

Type: Cell Line

Proper Citation

ATCC Cat# CRL-1440, RRID:CVCL_1221

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1221

Proper Citation: ATCC Cat# CRL-1440, RRID:CVCL_1221

Description: Cell line G-402 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Kidney neoplasm

Defining Citation: [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#), [PMID:35839778](#)

Comments: Caution: This cell line is said to originate from a 'renal leiomyoblastoma'. This is an antiquated/imprecise terminology that can not be assigned to a precise cancer type. As there is no information on the exact origin of this cell line, except that it was deposited by Peebles P.T at ATCC, we have assigned it to the generic 'kidney neoplasm' of NCIt., Population: Caucasian., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: G-402

Synonyms: G402

Cross References: BTO:BTO_0000678, CLO:CLO_0003435, EFO:EFO_0002180, CLDB:cl1410, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1440, BioGRID_ORCS_Cell_line:175, BioSample:SAMN03473165, BioSample:SAMN10988323,

cancer cell lines: CVCL_1221, Cell_Model_Passport: SIDM00855, ChEMBL-Cells: ChEMBL3308733, ChEMBL-Targets: ChEMBL1075446, Cosmic: 687593, Cosmic: 907298, Cosmic-CLP: 907298, DepMap: ACH-000375, ECACC: 90112715, EGA: EGAS00001000610, EGA: EGAS00001000978, FANTOM5_SSTAR: 10721-110A1, GDSC: 907298, GEO: GSM827166, GEO: GSM887018, GEO: GSM888087, GEO: GSM1669800, IARC_TP53: 21335, IGRhCellID: G402, IZSLER: BS TCL 212, JCRB: JCRB9070, KCLB: 21440, LiGeA: CCLE_658, LINCS_LDP: LCL-1751, PharmacDB: G402_375_2019, PRIDE: PXD030304, Progenetix: CVCL_1221, PubChem_Cell_line: CVCL_1221, Wikidata: Q54835350

ID: CVCL_1221

Vendor: ATCC

Catalog Number: CRL-1440

Record Creation Time: 20220427T215856+0000

Record Last Update: 20260815T232828+0000

Ratings and Alerts

No rating or validation information has been found for G-402.

No alerts have been found for G-402.

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](#).

Tani T, et al. (2024) TREX1 Inactivation Unleashes Cancer Cell STING-Interferon Signaling and Promotes Antitumor Immunity. *Cancer discovery*, 14(5), 752.

Drosos Y, et al. (2022) NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. *Molecular cell*, 82(13), 2472.

Carugo A, et al. (2019) p53 Is a Master Regulator of Proteostasis in SMARCB1-Deficient Malignant Rhabdoid Tumors. *Cancer cell*, 35(2), 204.

Oberlick EM, et al. (2019) Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors. *Cell reports*, 28(9), 2331.