

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

G-361

RRID:CVCL_1220

Type: Cell Line

Proper Citation

RRID:CVCL_1220

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1220

Proper Citation: RRID:CVCL_1220

Description: Cell line G-361 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Melanoma

Defining Citation: [PMID:2174414](#), [PMID:12068308](#), [PMID:15467732](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:28196595](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Population: Caucasian., Part of: MD Anderson Cell Lines Project., 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-361

Synonyms: G361, G361-mel, G361mel

Cross References: BTO:BTO_0001584, CLO:CLO_0003433, CLO:CLO_0050698, EFO:EFO_0006394, CLDB:cl1407, CLDB:cl1408, CLDB:cl4941, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:CRL-1424, BioSample:SAMN01821552, BioSample:SAMN01821727, BioSample:SAMN03471453, BioSample:SAMN03472419, BioSample:SAMN10988270, cancercellines:CVCL_1220, Cell_Model_Passport:SIDM00857, CGH-DB:9315-4, ChEMBL-Cells:ChEMBL3307514, ChEMBL-Targets:ChEMBL614036, CLS:302157,

Cosmic:687435, Cosmic:874385, Cosmic:905228, Cosmic:906865, Cosmic:928692, Cosmic:933005, Cosmic:1006557, Cosmic:1007157, Cosmic:1022275, Cosmic:1155277, Cosmic:1459650, Cosmic:1995409, Cosmic:2036701, Cosmic:2159446, Cosmic:2630487, Cosmic-CLP:906865, DepMap:ACH-000572, ECACC:88030401, EGA:EGAS00001000610, EGA:EGAS00001000978, FANTOM5_SSTAR:10465-106H6, GDSC:906865, GEO:GSM206469, GEO:GSM274684, GEO:GSM827495, GEO:GSM887016, GEO:GSM888085, GEO:GSM1374482, GEO:GSM1669798, IARC_TP53:21333, ICLC:HTL99001, JCRB:IFO50009, JCRB:JCRB9074, KCLB:21424, LiGeA:CCLC_062, LINCS_LDP:LCL-1246, Lonza:987, PharmacDB:G361_373_2019, PRIDE:PXD030304, Progenetix:CVCL_1220, PubChem_Cell_line:CVCL_1220, RCB:RCB0991, TKG:TKG 0197, Wikidata:Q54835343

ID: CVCL_1220

Record Creation Time: 20220427T215856+0000

Record Last Update: 20260920T002626+0000

Ratings and Alerts

No rating or validation information has been found for G-361.

No alerts have been found for G-361.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Jeong J, et al. (2025) NSD2 inhibitors rewire chromatin to treat lung and pancreatic cancers. *Nature*.

Alaimo A, et al. (2025) TRPM8 levels determine tumor vulnerability to channel agonists. *Molecular oncology*.

Fan W, et al. (2025) Ribosomal RNA transcription regulates splicing through ribosomal protein RPL22. *Cell chemical biology*, 32(7), 908.

Shirahama H, et al. (2024) Induction of stearyl-CoA desaturase confers cell density-dependent ferroptosis resistance in melanoma. *Journal of cellular biochemistry*, 125(4), e30542.

Sobhiafshar U, et al. (2024) Interferon regulatory factor 4 modulates epigenetic silencing and cancer-critical pathways in melanoma cells. *Molecular oncology*, 18(10), 2423.

Noujar??de J, et al. (2023) Sphingolipid paracrine signaling impairs keratinocyte adhesion to promote melanoma invasion. *Cell reports*, 42(12), 113586.

van Vliet AA, et al. (2023) Early TRAIL-engagement elicits potent multimodal targeting of melanoma by CD34+ progenitor cell-derived NK cells. *iScience*, 26(7), 107078.

Varga AJ, et al. (2023) Elevated Serum Gastrin Is Associated with Melanoma Progression: Putative Role in Increased Migration and Invasion of Melanoma Cells. *International journal of molecular sciences*, 24(23).

Orlando E, et al. (2022) An oncogene addiction phosphorylation signature and its derived scores inform tumor responsiveness to targeted therapies. *Cellular and molecular life sciences : CMLS*, 80(1), 6.

Koizumi K, et al. (2022) VEGF-A promotes the motility of human melanoma cells through the VEGFR1-PI3K/Akt signaling pathway. *In vitro cellular & developmental biology. Animal*, 58(8), 758.

Greenstein AE, et al. (2021) Glucocorticoid receptor antagonism promotes apoptosis in solid tumor cells. *Oncotarget*, 12(13), 1243.

O'Connell CE, et al. (2021) Combined Inhibition of p38MAPK and PIKfyve Synergistically Disrupts Autophagy to Selectively Target Cancer Cells. *Cancer research*, 81(11), 2903.

Rios-Doria J, et al. (2020) A Potent and Selective Dual Inhibitor of AXL and MERTK Possesses Both Immunomodulatory and Tumor-Targeted Activity. *Frontiers in oncology*, 10, 598477.