Resource Summary Report

Generated by dkNET on Sep 2, 2026

IGR-1

RRID:CVCL_1303
Type: Cell Line

Proper Citation

RRID:CVCL_1303

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1303

Proper Citation: RRID:CVCL_1303

Description: Cell line IGR-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Cutaneous melanoma

Defining Citation: PMID:405430, PMID:954556, PMID:1822769, PMID:4153924, PMID:6929009, PMID:11668190, PMID:20164919, PMID:22460905, PMID:25056119, PMID:25877200, PMID:27397505, PMID:30894373, PMID:31068700, PMID:31978347, PMID:35839778

Comments: 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: IGR-1

Synonyms: IGR 1, IGR1, Institut Gustave Roussy-1

Cross References: CLO:CLO_0006669, CLDB:cl2624, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, BioGRID_ORCS_Cell_line:639, BioSample:SAMN03472901, BioSample:SAMN10987998, cancercelllines:CVCL_1303, Cell_Model_Passport:SIDM01060, ChEMBL-Cells:CHEMBL3308749, ChEMBL-Targets:CHEMBL1075479, CLS:300219, CLS:300219-SF, Cosmic:907169, Cosmic:2230115, Cosmic-CLP:907169, DepMap:ACH-000882, DSMZ:ACC-236, DSMZCellDive:ACC-236, EGA:EGAS00001000978, GDSC:907169,

GEO:GSM887157, GEO:GSM888229, GEO:GSM1669927, IARC_TP53:21394, LiGeA:CCLE_169, LINCS_LDP:LCL-1247, PharmacoDB:IGR1_651_2019, PRIDE:PXD030304, Progenetix:CVCL_1303, PubChem_Cell_line:CVCL_1303, Wikidata:Q54897358

ID: CVCL_1303

Record Creation Time: 20220427T220631+0000

Record Last Update: 20260829T234313+0000

Ratings and Alerts

No rating or validation information has been found for IGR-1.

No alerts have been found for IGR-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Arroyo Villora S, et al. (2026) A Bioinformatics and Wet-Lab-Based Pipeline Identifies CLDN10 and GJB2 as Epigenetically Silenced Tumor Suppressor Genes in Cutaneous Melanoma. International journal of molecular sciences, 27(5).

Deutschmeyer VE, et al. (2025) SIAH3 is frequently epigenetically silenced in cancer and regulates mitochondrial metabolism. International journal of cancer, 156(2), 353.

Arroyo Villora S, et al. (2024) Biomarker RIPK3 Is Silenced by Hypermethylation in Melanoma and Epigenetic Editing Reestablishes Its Tumor Suppressor Function. Genes, 15(2).

Cannon AC, et al. (2024) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. Oncogene, 43(10), 729.

Cannon AC, et al. (2023) Unique vulnerability of RAC1-mutant melanoma to combined inhibition of CDK9 and immune checkpoints. bioRxiv : the preprint server for biology.

Nguyen TT, et al. (2021) Mutations in the IFN?-JAK-STAT Pathway Causing Resistance to Immune Checkpoint Inhibitors in Melanoma Increase Sensitivity to Oncolytic Virus Treatment. Clinical cancer research : an official journal of the American Association for Cancer Research, 27(12), 3432.

Hanniford D, et al. (2020) Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer cell, 37(1), 55.

Colón-Bolea P, et al. (2020) RAC1 induces nuclear alterations through the LINC complex to enhance melanoma invasiveness. Molecular biology of the cell, 31(25), 2768.

Mohan AS, et al. (2019) Enhanced Dendritic Actin Network Formation in Extended Lamellipodia Drives Proliferation in Growth-Challenged Rac1P29S Melanoma Cells. Developmental cell, 49(3), 444.