

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

HCT116 VIM RFP

RRID:CVCL_UR40

Type: Cell Line

Proper Citation

RRID:CVCL_UR40

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_UR40

Proper Citation: RRID:CVCL_UR40

Description: Cell line HCT116 VIM RFP is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon carcinoma

Comments: Characteristics: Using CRISPR/Cas9 a RFP reporter gene was integrated at the C-terminus of VIM (ATCC=CCL-247EMT)., Characteristics: Useful in vitro cell model for dissecting the molecular switches underlying epithelial to mesenchymal transition (EMT) and for identifying compounds that target EMT in colorectal cancer (ATCC=CCL-247EMT)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HCT116 VIM RFP

Cross References: ATCC:CCL-247EMT, cancercellines:CVCL_UR40, Wikidata:Q93985520

ID: CVCL_UR40

Hierarchy: cvcl_0291

Record Creation Time: 20220427T220321+0000

Record Last Update: 20260905T180225+0000

Ratings and Alerts

No rating or validation information has been found for HCT116 VIM RFP.

No alerts have been found for HCT116 VIM RFP.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Flores NG, et al. (2025) The CDK12-BRCA1 signaling axis mediates dinaciclib-associated radiosensitivity through p53-mediated cellular senescence. *Molecular oncology*, 19(4), 1265.

Sun L, et al. (2025) Phosphorylation of SIRT7 by ATM causes DNA mismatch repair downregulation and adaptive mutability during chemotherapy. *Cell reports*, 44(2), 115269.

Fu Y, et al. (2025) 53BP1 regulates p53-E2F7-dependent transcriptional gene repression and participates in the Fanconi anemia pathway. *Cell reports*, 44(8), 116152.

Wang Q, et al. (2024) Benzosceptrin C induces lysosomal degradation of PD-L1 and promotes antitumor immunity by targeting DHHC3. *Cell reports. Medicine*, 5(2), 101357.

Liu K, et al. (2024) Thymosin α 1 reverses oncolytic adenovirus-induced M2 polarization of macrophages to improve antitumor immunity and therapeutic efficacy. *Cell reports. Medicine*, 5(10), 101751.

Zhang W, et al. (2020) The Mitochondrial Protein MAVS Stabilizes p53 to Suppress Tumorigenesis. *Cell reports*, 30(3), 725.