

# Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

## OCM-1

RRID:CVCL\_6934

Type: Cell Line

### Proper Citation

RRID:CVCL\_6934

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_6934](https://web.expasy.org/cellosaurus/CVCL_6934)

**Proper Citation:** RRID:CVCL\_6934

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

**Sex:** Male

**Disease:** Amelanotic melanoma

**Defining Citation:** [PMID:2722439](#), [PMID:8621261](#), [PMID:9154388](#), [PMID:15714118](#), [PMID:16772116](#), [PMID:17487557](#), [PMID:18689700](#), [PMID:22236444](#), [PMID:23849826](#), [PMID:28940260](#)

**Comments:** Population: Caucasian., Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma..

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** OCM-1

**Synonyms:** OCM1, Ocm1, Ocular Choroidal Melanoma-1

**Cross References:** BTO:BTO\_0002736, cancercellines:CVCL\_6934, Cosmic:848327, Cosmic:899892, Cosmic:916139, Cosmic:986617, Cosmic:1320368, Cosmic:1628408, GEO:GSM276733, Wikidata:Q54931805

**ID:** CVCL\_6934

**Hierarchy:** cvcl\_1395

**Record Creation Time:** 20220427T221356+0000

**Record Last Update:** 20260815T235420+0000

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## Ratings and Alerts

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

**Warning:** Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00502.

Population: Caucasian., Problematic cell line: Contaminated. Shown to be a M14 derivative (PubMed=28940260). Originally thought to originate from a female patient with uveal melanoma..

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Onken MD, et al. (2025) Inositol (1,4,5)-trisphosphate 5-phosphatase promotes survival of uveal melanoma by regulating oncogenic G protein-driven calcium oscillations. The Journal of biological chemistry, 301(9), 110589.

Szabó I, et al. (2024) Targeting the Melanocortin 1 Receptor in Melanoma: Biological Activity of  $\gamma$ -MSH-Peptide Conjugates. International journal of molecular sciences, 25(2).

Zhao A, et al. (2024) Circ\_0053943 complexed with IGF2BP3 drives uveal melanoma progression via regulating N6-methyladenosine modification of Epidermal growth factor receptor. Oncology research, 32(5), 983.

Onken MD, et al. (2023) Protein Kinase Signaling Networks Driven by Oncogenic Gq/11 in Uveal Melanoma Identified by Phosphoproteomic and Bioinformatic Analyses. Molecular & cellular proteomics : MCP, 22(11), 100649.

Onken MD, et al. (2022) Oncogenic Gq/11 signaling acutely drives and chronically sustains metabolic reprogramming in uveal melanoma. The Journal of biological chemistry, 298(1), 101495.

Pan H, et al. (2022) Chromosomal instability-associated MAT1 lncRNA insulates MLL1-guided histone methylation and accelerates tumorigenesis. Cell reports, 41(11), 111829.

Onken MD, et al. (2021) Targeting primary and metastatic uveal melanoma with a G protein inhibitor. The Journal of biological chemistry, 296, 100403.