

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

21MT-1

RRID:CVCL_7931

Type: Cell Line

Proper Citation

RRID:CVCL_7931

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7931

Proper Citation: RRID:CVCL_7931

Description: Cell line 21MT-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Breast carcinoma

Defining Citation: [PMID:1977518](#), [PMID:7923592](#), [PMID:8482634](#), [PMID:20458274](#), [PMID:24176112](#), [PMID:25960936](#)

Comments: Characteristics: 21PT is non-tumorigenic whereas 21NT and 21MT-1/21-MT-2 cause tumors in the nude mice system., Part of: JWGray breast cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: 21MT-1

Synonyms: 21-MT-1, 21MT1

Cross References: Cell_Model_Passport:SIDM01902, DepMap:ACH-002400, GEO:GSM1172846, GEO:GSM1172934, GEO:GSM3145619, GEO:GSM3145686, IARC_TP53:21720, LINCS_HMS:51107, LINCS_LDP:LCL-2110, PharmacDB:21MT1_8_2019, Wikidata:Q54583256

ID: CVCL_7931

Record Creation Time: 20220427T215040+0000

Record Last Update: 20260904T021048+0000

Ratings and Alerts

No rating or validation information has been found for 21MT-1.

No alerts have been found for 21MT-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Treekitkarnmongkol W, et al. (2024) Epigenetic activation of SOX11 is associated with recurrence and progression of ductal carcinoma in situ to invasive breast cancer. British journal of cancer, 131(1), 171.

Watson SS, et al. (2018) Microenvironment-Mediated Mechanisms of Resistance to HER2 Inhibitors Differ between HER2+ Breast Cancer Subtypes. Cell systems, 6(3), 329.