Resource Summary Report

Generated by RRID on Sep 7, 2026

MCF-10AT

RRID:CVCL_5555
Type: Cell Line

Proper Citation

RRID:CVCL_5555

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5555

Proper Citation: RRID:CVCL_5555

Description: Cell line MCF-10AT is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: PMID:8546221, PMID:15375546, PMID:20169162, PMID:24262153

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: MCF-10AT

Synonyms: MCF10AT

Cross References: cancercelllines:CVCL_5555, GEO:GSM498023, GEO:GSM498027, IGRhCellID:MCF10AT, Progenetix:CVCL_5555, Wikidata:Q54904299

ID: CVCL_5555

Hierarchy: cvcl_5554

Record Creation Time: 20220427T220750+0000

Record Last Update: 20260905T181113+0000

Ratings and Alerts

No rating or validation information has been found for MCF-10AT.

No alerts have been found for MCF-10AT.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sun Y, et al. (2026) CircNSD2 promotes metastasis and immune escape by increasing the USP10/SRSF6-mediated alternative splicing of TPM1 in TNBC. Molecular cancer, 25(1).

Cando LF, et al. (2026) Targeting microRNA let-7b-5p-mediated aberrant androgen receptor signaling for prevention of hormone receptor-negative breast cancer. NPJ breast cancer.

Sánchez-Álvarez M, et al. (2025) PERK-dependent reciprocal crosstalk between ER and non-centrosomal microtubules coordinates ER architecture and cell shape. Cell reports, 44(5), 115590.

Peck B, et al. (2021) 3D Functional Genomics Screens Identify CREBBP as a Targetable Driver in Aggressive Triple-Negative Breast Cancer. Cancer research, 81(4), 847.