Resource Summary Report

Generated by RRID on Aug 30, 2026

MCF-10A-neoT

RRID:CVCL_5554
Type: Cell Line

Proper Citation

RRID:CVCL_5554

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5554

Proper Citation: RRID:CVCL_5554

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

Sex: Female

Defining Citation: PMID:1885681, PMID:2009132, PMID:11261825

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: MCF-10A-neoT

Synonyms: MCF-10A neoT, MCF-10AneoT, MCF10AneoT, MCF10-AneoT

Cross References: BTO:BTO_0005127, ChEMBL-Cells:CHEMBL4295460, ChEMBL-Targets:CHEMBL4296464, PubChem_Cell_line:CVCL_5554, Wikidata:Q54904297

ID: CVCL_5554

Hierarchy: cvcl_0598

Record Creation Time: 20220427T220750+0000

Record Last Update: 20260829T234552+0000

Ratings and Alerts

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

No alerts have been found for MCF-10A-neoT.

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 .

Reed KSM, et al. (2026) Genome reorganization and its functional impact during breast cancer progression. eLife, 14.

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.

Bu X, et al. (2025) Cell crowding activates pro-invasive mechanotransduction pathway in high-grade DCIS via TRPV4 inhibition and cell volume reduction. eLife, 13.

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.