

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

MCF-7 Tam1

RRID:CVCL_A4AQ

Type: Cell Line

Proper Citation

RRID:CVCL_A4AQ

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_A4AQ

Proper Citation: RRID:CVCL_A4AQ

Description: Cell line MCF-7 Tam1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Invasive breast carcinoma of no special type

Defining Citation: [PMID:27378269](#)

Comments: Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MCF-7 Tam1

Synonyms: MCF7/TAM1, MCF7:TAM1

Cross References: ATCC:CRL-3435, cancercellines:CVCL_A4AQ, ChEMBL-Cells:ChEMBL4630711, ChEMBL-Targets:ChEMBL4630717, PubChem_Cell_line:CVCL_A4AQ, Wikidata:Q105510077

ID: CVCL_A4AQ

Hierarchy: cvcl_0031

Record Creation Time: 20220427T220751+0000

Record Last Update: 20260905T181113+0000

Ratings and Alerts

No rating or validation information has been found for MCF-7 Tam1.

No alerts have been found for MCF-7 Tam1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Luo E, et al. (2025) Targeting EPAS-1/HIF-2 α Pathway to Address Endocrine Resistance in Luminal A Type Breast Cancer. Translational oncology, 57, 102415.

Luo E, et al. (2025) Metabolomic Profiling Reveals Key Metabolic Alterations in MCF7 Tamoxifen-Resistant Cells Following EPAS1 Inhibition. Journal of proteome research, 24(8), 4070.

Le T, et al. (2024) Redistribution of the glycocalyx exposes phagocytic determinants on apoptotic cells. Developmental cell.

Gong Y, et al. (2023) Loss of RanGAP1 drives chromosome instability and rapid tumorigenesis of osteosarcoma. Developmental cell, 58(3), 192.

Zhang Y, et al. (2022) Binding blockade between TLN1 and integrin $\alpha 1$ represses triple-negative breast cancer. eLife, 11.

Wang Y, et al. (2022) SETD4-mediated KU70 methylation suppresses apoptosis. Cell reports, 39(6), 110794.

Yang Y, et al. (2021) Functional cooperation between co-amplified genes promotes aggressive phenotypes of HER2-positive breast cancer. Cell reports, 34(10), 108822.

Gong Y, et al. (2021) Vangl2 limits chaperone-mediated autophagy to balance osteogenic differentiation in mesenchymal stem cells. Developmental cell, 56(14), 2103.

Wang YL, et al. (2021) Evading immune surveillance via tyrosine phosphorylation of nuclear PCNA. Cell reports, 36(8), 109537.

Shen L, et al. (2021) Serine metabolism antagonizes antiviral innate immunity by preventing ATP6V0d2-mediated YAP lysosomal degradation. Cell metabolism, 33(5), 971.