Resource Summary Report

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MCF10DCIS.com

RRID:CVCL_5552
Type: Cell Line

Proper Citation

(RRID:CVCL_5552)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5552

Proper Citation: (RRID:CVCL_5552)

Sex: Female

Defining Citation: PMID:10904098, PMID:18455123, PMID:23401782, PMID:25485619, PMID:34238275

Comments: Omics: Transcriptome analysis by RNAseq., Omics: SNP array analysis., Characteristics: Derived from a xenograft originating from MCF-10AT cells that were injected into severe combined immune-deficient mice.

Category: Transformed cell line

Name: MCF10DCIS.com

Synonyms: MCF10DCIS.COM, MCF10ADCIS.com, MCF10A-DCIS.com, MCF10DCIS, MCFDCIS, DCIS.COM, DCIS

Cross References: EFO:EFO_0006643, ArrayExpress:E-MTAB-2706, cancercelllines:CVCL_5552, Cosmic:1219447, EGA:EGAS00001000610, GEO:GSM271345, GEO:GSM271398, Lonza:1619, MetaboLights:MTBLS669, PharmacoDB:MCF10DCIS_com_892_2019, Progenetix:CVCL_5552, Wikidata:Q54904447

ID: CVCL_5552

Record Creation Time: 20250131T201326+0000

Record Last Update: 20250131T202923+0000

Ratings and Alerts

No rating or validation information has been found for MCF10DCIS.com.

No alerts have been found for MCF10DCIS.com.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Moragas N, et al. (2024) The SEMA3F-NRP1/NRP2 axis is a key factor in the acquisition of invasive traits in in situ breast ductal carcinoma. Breast cancer research : BCR, 26(1), 122.

Habanjar O, et al. (2024) The obese inflammatory microenvironment may promote breast DCIS progression. Frontiers in immunology, 15, 1384354.

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.

Yuan M, et al. (2023) Loss of ANCO1 Expression Regulates Chromatin Accessibility and Drives Progression of Early-Stage Triple-Negative Breast Cancer. International journal of molecular sciences, 24(14).

Sharif GM, et al. (2022) Real-Time Detection and Capture of Invasive Cell Subpopulations from Co-Cultures. Journal of visualized experiments : JoVE(181).

Peuhu E, et al. (2022) MYO10-filopodia support basement membranes at pre-invasive tumor boundaries. Developmental cell, 57(20), 2350.

Ma L, et al. (2021) Inflammation Mediates the Development of Aggressive Breast Cancer Following Radiotherapy. Clinical cancer research : an official journal of the American Association for Cancer Research, 27(6), 1778.

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.

Shan NL, et al. (2020) Analysis of the Transcriptome: Regulation of Cancer Stemness in Breast Ductal Carcinoma In Situ by Vitamin D Compounds. Cancer prevention research (Philadelphia, Pa.), 13(8), 673.

Fattet L, et al. (2020) Matrix Rigidity Controls Epithelial-Mesenchymal Plasticity and Tumor Metastasis via a Mechanoresponsive EPHA2/LYN Complex. Developmental cell, 54(3), 302.

Ramadori G, et al. (2020) FKBP10 Regulates Protein Translation to Sustain Lung Cancer Growth. Cell reports, 30(11), 3851.

Santoro A, et al. (2019) p53 Loss in Breast Cancer Leads to Myc Activation, Increased Cell Plasticity, and Expression of a Mitotic Signature with Prognostic Value. Cell reports, 26(3), 624.

Lo PK, et al. (2018) LIPG signaling promotes tumor initiation and metastasis of human basal-like triple-negative breast cancer. eLife, 7.

Bajikar SS, et al. (2017) Tumor-Suppressor Inactivation of GDF11 Occurs by Precursor Sequestration in Triple-Negative Breast Cancer. Developmental cell, 43(4), 418.