

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

NMuMG

RRID:CVCL_0075

Type: Cell Line

Proper Citation

ATCC Cat# CRL-1636, RRID:CVCL_0075

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0075

Proper Citation: ATCC Cat# CRL-1636, RRID:CVCL_0075

Description: Cell line NMuMG is a Spontaneously immortalized cell line with a species of origin Mus musculus (Mouse)

Sex: Female

Defining Citation: [PMID:4366196](#), [PMID:9855001](#), [PMID:31220119](#)

Category: Spontaneously immortalized cell line

Organism: Mus musculus (Mouse)

Name: NMuMG

Cross References: BTO:BTO_0004183, CLO:CLO_0008186, EFO:EFO_0022800, CLDB:cl3719, ATCC:CRL-1636, BCRC:60087, BioSample:SAMN11397631, ECACC:94081121, IZSLER:BS CL 188, Wikidata:Q54930849

ID: CVCL_0075

Vendor: ATCC

Catalog Number: CRL-1636

Record Creation Time: 20220427T221345+0000

Record Last Update: 20260802T003143+0000

Ratings and Alerts

No rating or validation information has been found for NMuMG.

No alerts have been found for NMuMG.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Wang X, et al. (2025) Cytoplasmic PXR regulates glucose metabolism by binding mRNAs and modulating their stability. *Nature structural & molecular biology*.

Nakaya H, et al. (2025) Transient Catalase Immobilization for Cytoprotection during H₂O₂-Mediated Cell-Laden Hydrogel Fabrication. *ACS biomaterials science & engineering*, 11(8), 5051.

Sankhe CS, et al. (2025) Matrix Stiffness Regulates TGF β 1-Induced α SMA Expression via a G9a-LATS-YAP Signaling Cascade. *FASEB bioAdvances*, 7(7), e70035.

Hoover G, et al. (2025) Nerve-to-cancer transfer of mitochondria during cancer metastasis. *Nature*, 644(8075), 252.

Deford PL, et al. (2025) Stathmin Serine 16 Phosphorylation Is a Key Regulator of Cell Cycle Progression Without Activating Migration and Invasion In Vitro. *Cancers*, 17(14).

Thapa N, et al. (2024) A p85 isoform switch enhances PI3K activation on endosomes by a MAP4- and PI3P-dependent mechanism. *Cell reports*, 43(5), 114119.

Shi L, et al. (2024) YAP mediates apoptosis through failed integrin adhesion reinforcement. *Cell reports*, 43(3), 113811.

Pemberton JM, et al. (2023) The carboxyl-terminal sequence of PUMA binds to both anti-apoptotic proteins and membranes. *eLife*, 12.

Bruch-Oms M, et al. (2023) Analyzing the role of cancer-associated fibroblast activation on macrophage polarization. *Molecular oncology*, 17(8), 1492.

Maib H, et al. (2022) A mechanism for exocyst-mediated tethering via Arf6 and PIP5K1C-driven phosphoinositide conversion. *Current biology : CB*, 32(13), 2821.

Nalluri SM, et al. (2022) Crosstalk between ERK and MRTF-A signaling regulates TGF β 1-induced epithelial-mesenchymal transition. *Journal of cellular physiology*, 237(5), 2503.

Lauver MD, et al. (2022) T cell deficiency precipitates antibody evasion and emergence of neurovirulent polyomavirus. *eLife*, 11.

Umeh-Garcia M, et al. (2020) A Novel Bioengineered miR-127 Prodrug Suppresses the Growth and Metastatic Potential of Triple-Negative Breast Cancer Cells. *Cancer research*, 80(3), 418.

Jonkman J, et al. (2020) Tutorial: guidance for quantitative confocal microscopy. *Nature protocols*, 15(5), 1585.

Lauver MD, et al. (2020) Antibody escape by polyomavirus capsid mutation facilitates neurovirulence. *eLife*, 9.

Guallar D, et al. (2020) ADAR1-Dependent RNA Editing Promotes MET and iPSC Reprogramming by Alleviating ER Stress. *Cell stem cell*, 27(2), 300.

Nandagopal N, et al. (2019) Cis-activation in the Notch signaling pathway. *eLife*, 8.

Gomes AP, et al. (2019) Dynamic Incorporation of Histone H3 Variants into Chromatin Is Essential for Acquisition of Aggressive Traits and Metastatic Colonization. *Cancer cell*, 36(4), 402.

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.

Miller DSJ, et al. (2018) The Dynamics of TGF- β Signaling Are Dictated by Receptor Trafficking via the ESCRT Machinery. *Cell reports*, 25(7), 1841.