

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

MEF (C57BL/6)

RRID:CVCL_9115

Type: Cell Line

Proper Citation

ATCC Cat# SCRC-1008, RRID:CVCL_9115

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_9115

Proper Citation: ATCC Cat# SCRC-1008, RRID:CVCL_9115

Description: Cell line MEF (C57BL/6) is a Finite cell line with a species of origin Mus musculus (Mouse)

Sex: Mixed sex

Category: Finite cell line

Organism: Mus musculus (Mouse)

Name: MEF (C57BL/6)

Synonyms: MEF-BL/6-1

Cross References: CLO:CLO_0007665, ATCC:SCRC-1008, Wikidata:Q54905015

ID: CVCL_9115

Vendor: ATCC

Catalog Number: SCRC-1008

Record Creation Time: 20220427T220800+0000

Record Last Update: 20260913T004842+0000

Ratings and Alerts

No rating or validation information has been found for MEF (C57BL/6).

No alerts have been found for MEF (C57BL/6).

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Zhou Y, et al. (2026) Murine Embryonic Stem Cells Possess Distinct E2F Activity That Activates Tumor Suppressor Promoter Elements. *Genes to cells : devoted to molecular & cellular mechanisms*, 31(3), e70121.

Roegner K, et al. (2026) BPGM shapes NFAT5-driven cellular responses. *Cellular and molecular life sciences : CMLS*, 83(1).

Zhou Y, et al. (2026) Distinct Regulation of the ARF and TAp73 Tumor Suppressor Genes by the Transcription Factor E2F1 Enables Discrimination of Cancer Cells from Normal Growing Cells. *Cells*, 15(1).

Verkest C, et al. (2025) Cluster nanoarchitecture and structural diversity of PIEZO1 at rest and during activation in intact cells. *Science advances*, 11(43), eady8052.

Wang H, et al. (2025) MYO1F positions cGAS on the plasma membrane to ensure full and functional signaling. *Molecular cell*, 85(1), 150.

Song X, et al. (2025) Cytosolic cytochrome c represses ferroptosis. *Cell metabolism*, 37(6), 1326.

Mittas DM, et al. (2025) Dual AAV vectors for efficient delivery of large transgenes. *Nature protocols*.

Snapper DM, et al. (2023) Development of a novel bioengineered 3D brain-like tissue for studying primary blast-induced traumatic brain injury. *Journal of neuroscience research*, 101(1), 3.

Hsu CC, et al. (2022) Identification of myo-inositol-binding proteins by using the biotin pull-down strategy in cultured cells. *STAR protocols*, 3(2), 101385.

Riedmayr LM, et al. (2022) dCas9-VPR-mediated transcriptional activation of functionally equivalent genes for gene therapy. *Nature protocols*, 17(3), 781.

He B, et al. (2022) Mitochondrial cristae architecture protects against mtDNA release and inflammation. *Cell reports*, 41(10), 111774.

Boukouris AE, et al. (2022) A reversible metabolic stress-sensitive regulation of CRMP2A orchestrates EMT/stemness and increases metastatic potential in cancer. *Cell reports*, 38(11), 110511.

Jiang Y, et al. (2021) AMPK-mediated phosphorylation on 53BP1 promotes c-NHEJ. *Cell reports*, 34(7), 108713.

Hsu CC, et al. (2021) Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. *Molecular cell*, 81(18), 3803.

Liu S, et al. (2021) Glycerol-3-phosphate biosynthesis regenerates cytosolic NAD⁺ to alleviate mitochondrial disease. *Cell metabolism*, 33(10), 1974.

Xu J, et al. (2021) IRF3-binding lncRNA-ISIR strengthens interferon production in viral infection and autoinflammation. *Cell reports*, 37(5), 109926.

Wang Y, et al. (2020) Decreased Expression of the Host Long-Noncoding RNA-GM Facilitates Viral Escape by Inhibiting the Kinase activity TBK1 via S-glutathionylation. *Immunity*, 53(6), 1168.

Najt CP, et al. (2020) Lipid Droplet-Derived Monounsaturated Fatty Acids Traffic via PLIN5 to Allosterically Activate SIRT1. *Molecular cell*, 77(4), 810.

Zhang W, et al. (2020) The Mitochondrial Protein MAVS Stabilizes p53 to Suppress Tumorigenesis. *Cell reports*, 30(3), 725.

Cui S, et al. (2020) Nuclear cGAS Functions Non-canonically to Enhance Antiviral Immunity via Recruiting Methyltransferase Prmt5. *Cell reports*, 33(10), 108490.