

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

MEF (DR4)

RRID:CVCL_5277

Type: Cell Line

Proper Citation

ATCC Cat# SCRC-1045, RRID:CVCL_5277

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5277

Proper Citation: ATCC Cat# SCRC-1045, RRID:CVCL_5277

Description: Cell line MEF (DR4) is a Finite cell line with a species of origin Mus musculus (Mouse)

Sex: Mixed sex

Defining Citation: [PMID:9278500](#)

Comments: Characteristics: Expresses transgenes that make this cell line resistant to three different drugs: geneticin (G418), puromycin and hygromycin. KO of Hprt1 makes the cell line resistant to 6-thioguanine (PubMed=9278500).

Category: Finite cell line

Organism: Mus musculus (Mouse)

Name: MEF (DR4)

Synonyms: DR4 MEF, DR-4 MEF

Cross References: CLO:CLO_0002814, ATCC:SCRC-1045, CCRID:3101MOUSCSP108, Wikidata:Q54905024

ID: CVCL_5277

Vendor: ATCC

Catalog Number: SCRC-1045

Record Creation Time: 20250130T072122+0000

Record Last Update: 20260816T001404+0000

Ratings and Alerts

No rating or validation information has been found for MEF (DR4).

No alerts have been found for MEF (DR4).

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 [dkNET](#) .

Yagi M, et al. (2025) Bivalent chromatin instructs lineage specification during hematopoiesis. *Cell*, 188(16), 4314.

Xu H, et al. (2024) Cellular spermine targets JAK signaling to restrain cytokine-mediated autoimmunity. *Immunity*, 57(8), 1796.

Singh PNP, et al. (2024) Transcription factor dynamics, oscillation, and functions in human enteroendocrine cell differentiation. *Cell stem cell*, 31(7), 1038.

Cesare E, et al. (2022) 3D ECM-rich environment sustains the identity of naive human iPSCs. *Cell stem cell*, 29(12), 1703.