

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

JM8.N4

RRID:CVCL_J962

Type: Cell Line

Proper Citation

MMRRC Cat# MMRRC:050959-UCD, RRID:CVCL_J962

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_J962

Proper Citation: MMRRC Cat# MMRRC:050959-UCD, RRID:CVCL_J962

Description: Cell line JM8.N4 is a Embryonic stem cell with a species of origin Mus musculus (Mouse)

Sex: Male

Defining Citation: [PMID:19525957](#)

Category: Embryonic stem cell

Organism: Mus musculus (Mouse)

Name: JM8.N4

Cross References: 4DN:4DNSRHAXQ8PG, MMRRC:MMRRC:050959-UCD, Wikidata:Q54899001

ID: CVCL_J962

Vendor: MMRRC

Catalog Number: MMRRC:050959-UCD

Hierarchy: cvcl_j957

Record Creation Time: 20250423T101018+0000

Record Last Update: 20260830T002739+0000

Ratings and Alerts

No rating or validation information has been found for JM8.N4.

No alerts have been found for JM8.N4.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Weng YS, et al. (2026) An IL-15 fusion with albumin-binding domain boosts immunotherapy therapy in glioblastoma via FGF-2 competition regulating FGFR1/2. Cancer letters, 657, 218694.

Narducci DN, et al. (2025) Putative looping factor ZNF143/ZFP143 is an essential transcriptional regulator with no looping function. Molecular cell, 85(1), 9.

Sept CE, et al. (2025) High-resolution CTCF footprinting reveals impact of chromatin state on cohesin extrusion. Nature communications, 16(1), 4506.

Nguyen TF, et al. (2025) Dynamic regulation of murine RNA polymerase III transcription during heat shock stress. Genetics, 230(1).

Cui JH, et al. (2025) Functional divergence of TBP homologs through distinct DNA-binding dynamics. Nucleic acids research, 53(9).

Kwan JZJ, et al. (2024) TBP facilitates RNA Polymerase I transcription following mitosis. RNA biology, 21(1), 42.

Kwan JZJ, et al. (2023) RNA Polymerase II transcription independent of TBP in murine embryonic stem cells. eLife, 12.

Price RM, et al. (2023) Heat shock transcription factors demonstrate a distinct mode of interaction with mitotic chromosomes. Nucleic acids research.

Goel VY, et al. (2023) Region Capture Micro-C reveals coalescence of enhancers and promoters into nested microcompartments. Nature genetics.

Hsieh TS, et al. (2022) Enhancer-promoter interactions and transcription are largely maintained upon acute loss of CTCF, cohesin, WAPL or YY1. Nature genetics, 54(12), 1919.

Hsieh TS, et al. (2020) Resolving the 3D Landscape of Transcription-Linked Mammalian Chromatin Folding. Molecular cell, 78(3), 539.

Hansen AS, et al. (2020) Guided nuclear exploration increases CTCF target search efficiency. *Nature chemical biology*, 16(3), 257.

Cattoglio C, et al. (2019) Determining cellular CTCF and cohesin abundances to constrain 3D genome models. *eLife*, 8.

Hansen AS, et al. (2018) Robust model-based analysis of single-particle tracking experiments with Spot-On. *eLife*, 7.

Teves SS, et al. (2018) A stable mode of bookmarking by TBP recruits RNA polymerase II to mitotic chromosomes. *eLife*, 7.

Hansen AS, et al. (2017) CTCF and cohesin regulate chromatin loop stability with distinct dynamics. *eLife*, 6.

Teves SS, et al. (2016) A dynamic mode of mitotic bookmarking by transcription factors. *eLife*, 5.