Resource Summary Report

Generated by dkNET on Aug 1, 2026

nur77/nur77

RRID:MGI:5007907
Type: Organism

Proper Citation

RRID:MGI:5007907

Organism Information

URL:

Proper Citation: RRID:MGI:5007907

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: tremors

Genomic Alteration: nur77

Catalog Number: 5007907

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: nur77/nur77

Record Creation Time: 20240120T190220+0000

Record Last Update: 20240130T201801+0000

Ratings and Alerts

No rating or validation information has been found for nur77/nur77.

No alerts have been found for nur77/nur77.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Garabuczi É, et al. (2023) Nur77 and PPAR? regulate transcription and polarization in distinct subsets of M2-like reparative macrophages during regenerative inflammation. Frontiers in immunology, 14, 1139204.

Geng N, et al. (2022) Nuclear receptor Nur77 protects against oxidative stress by maintaining mitochondrial homeostasis via regulating mitochondrial fission and mitophagy in smooth muscle cell. Journal of molecular and cellular cardiology, 170, 22.

Félix I, et al. (2021) Single-Cell Proteomics Reveals the Defined Heterogeneity of Resident Macrophages in White Adipose Tissue. Frontiers in immunology, 12, 719979.

Zhang H, et al. (2021) Nuclear Receptor Nur77 Protects Against Abdominal Aortic Aneurysm by Ameliorating Inflammation Via Suppressing LOX-1. Journal of the American Heart Association, 10(15), e021707.

Lokka E, et al. (2020) Generation, localization and functions of macrophages during the development of testis. Nature communications, 11(1), 4375.

Jäppinen N, et al. (2019) Fetal-derived macrophages dominate in adult mammary glands. Nature communications, 10(1), 281.

Tel-Karthaus N, et al. (2018) Nuclear Receptor Nur77 Deficiency Alters Dendritic Cell Function. Frontiers in immunology, 9, 1797.

Li XM, et al. (2017) Orphan nuclear receptor Nur77 inhibits poly (I:C)-triggered acute liver inflammation by inducing the ubiquitin-editing enzyme A20. Oncotarget, 8(37), 61025.

Li XM, et al. (2017) Nur77 deficiency in mice accelerates tumor invasion and metastasis by facilitating TNF? secretion and lowering CSF-1R expression. PloS one, 12(2), e0171347.

Li XM, et al. (2016) Nur77-mediated TRAF6 signalling protects against LPS-induced sepsis in mice. Journal of inflammation (London, England), 13, 4.

Hamers AA, et al. (2015) Deficiency of Nuclear Receptor Nur77 Aggravates Mouse Experimental Colitis by Increased NF?B Activity in Macrophages. PloS one, 10(8), e0133598.

Morias Y, et al. (2015) Ly6C- Monocytes Regulate Parasite-Induced Liver Inflammation by Inducing the Differentiation of Pathogenic Ly6C+ Monocytes into Macrophages. PLoS pathogens, 11(5), e1004873.

Li XM, et al. (2015) Nur77 deficiency leads to systemic inflammation in elderly mice. Journal of inflammation (London, England), 12, 40.

Dai A, et al. (2012) Orphan nuclear receptor Nur77 regulates androgen receptor gene expression in mouse ovary. PloS one, 7(6), e39950.

Zeng H, et al. (2006) Orphan nuclear receptor TR3/Nur77 regulates VEGF-A-induced angiogenesis through its transcriptional activity. The Journal of experimental medicine, 203(3), 719.