

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[B6.Cg-Nr3c1^{tm1.1Jda}/J](#)

RRID:IMSR_JAX:021021

Type: Organism

Proper Citation

RRID:IMSR_JAX:021021

Organism Information

URL: <https://www.jax.org/strain/021021>

Proper Citation: RRID:IMSR_JAX:021021

Description: Mus musculus with name B6.Cg-Nr3c1^{tm1.1Jda}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: nuclear receptor subfamily 3; group C; member 1; mutant strain|congenic strain: Nr3c1

Affected Gene: nuclear receptor subfamily 3; group C; member 1

Genomic Alteration: targeted mutation 1.1; Jonathan D Ashwell

Catalog Number: JAX:021021

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Nr3c1^{tm1.1Jda}/J

Record Creation Time: 20250513T053742+0000

Record Last Update: 20260725T044449+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Nr3c1^{tm1.1Jda}/J.

No alerts have been found for B6.Cg-Nr3c1^{tm1.1Jda}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. *Cell*, 188(1), 157.

Gallage S, et al. (2024) A 5:2 intermittent fasting regimen ameliorates NASH and fibrosis and blunts HCC development via hepatic PPAR γ and PCK1. *Cell metabolism*, 36(6), 1371.

Kin K, et al. (2023) Adolescent stress impairs postpartum social behavior via anterior insula-prelimbic pathway in mice. *Nature communications*, 14(1), 2975.

Kraus KL, et al. (2023) Hippocampal glucocorticoid receptors modulate status epilepticus severity. *Neurobiology of disease*, 178, 106014.

Kin K, et al. (2023) Adolescent stress impairs postpartum social behavior via anterior insula-prelimbic pathway. *bioRxiv : the preprint server for biology*.

Shiuchi T, et al. (2021) Feeding Rhythm-Induced Hypothalamic Agouti-Related Protein Elevation via Glucocorticoids Leads to Insulin Resistance in Skeletal Muscle. *International journal of molecular sciences*, 22(19).

Rudak PT, et al. (2021) Chronic stress physically spares but functionally impairs innate-like invariant T cells. *Cell reports*, 35(2), 108979.

Juneja A, et al. (2020) Selective effects of dorsal raphé nucleus glucocorticoid receptor deletion on depression-like behavior in female C57BL/6J mice. *Neuroscience letters*, 717, 134697.

Kim D, et al. (2020) Anti-inflammatory Roles of Glucocorticoids Are Mediated by Foxp3+ Regulatory T Cells via a miR-342-Dependent Mechanism. *Immunity*, 53(3), 581.

Roh HC, et al. (2018) Warming Induces Significant Reprogramming of Beige, but Not Brown, Adipocyte Cellular Identity. *Cell metabolism*, 27(5), 1121.

Pierce H, et al. (2017) Cholinergic Signals from the CNS Regulate G-CSF-Mediated HSC Mobilization from Bone Marrow via a Glucocorticoid Signaling Relay. *Cell stem cell*, 20(5), 648.