

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6(Cg)-Nfatc1^{tm3Glm}/AoaJ

RRID:IMSR_JAX:022786

Type: Organism

Proper Citation

RRID:IMSR_JAX:022786

Organism Information

URL: <https://www.jax.org/strain/022786>

Proper Citation: RRID:IMSR_JAX:022786

Description: Mus musculus with name B6(Cg)-Nfatc1^{tm3Glm}/AoaJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: nuclear factor of activated T cells; cytoplasmic; calcineurin dependent 1; mutant strain|congenic strain: Nfatc1

Affected Gene: nuclear factor of activated T cells; cytoplasmic; calcineurin dependent 1

Genomic Alteration: targeted mutation 3; Laurie H Glimcher

Catalog Number: JAX:022786

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Nfatc1^{tm3Glm}/AoaJ

Record Creation Time: 20250513T053746+0000

Record Last Update: 20260919T054933+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Nfatc1^{tm3Glm}/AoaJ.

No alerts have been found for B6(Cg)-Nfatc1^{tm3Glm}/AoaJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Giampaolo S, et al. (2023) NFATc1 induction by an intronic enhancer restricts NKT ?? cell formation. iScience, 26(3), 106234.

Zhang F, et al. (2023) NFATc1 marks articular cartilage progenitors and negatively determines articular chondrocyte differentiation. eLife, 12.

Peuker K, et al. (2022) Microbiota-dependent activation of the myeloid calcineurin-NFAT pathway inhibits B7H3- and B7H4-dependent anti-tumor immunity in colorectal cancer. Immunity, 55(4), 701.