

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[NC/Nga](#)

RRID:MGI:2163719

Type: Organism

Proper Citation

RRID:MGI:2163719

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2163719>

Proper Citation: RRID:MGI:2163719

Description: laboratory mouse with name NC/Nga from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2163719

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: NC/Nga

Record Creation Time: 20230227T022536+0000

Record Last Update: 20260808T212652+0000

Ratings and Alerts

No rating or validation information has been found for NC/Nga.

No alerts have been found for NC/Nga.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Zuo Y, et al. (2025) JAK1 Signaling Is Involved in the Induction of Mechanical Allodynia in Atopic Dermatitis. *Biomedicines*, 13(11).

Kim HM, et al. (2024) Anti-inflammatory Capacity of a Medicinal herb extract, *Anemarrhena asphodeloides*, on In vivo and In vitro models-induced atopic dermatitis. *Heliyon*, 10(19), e37935.

Dong L, et al. (2023) Effects of Varying Ratios of Glycyrrhiza uralensis and Donkey Hide Gelatin Water Extracts on Dinitrochlorobenzene-Induced Atopic Dermatitis in NC/Nga Mice. *Nutrients*, 15(9).

Tetsu H, et al. (2023) CTLA-4 suppresses hapten-induced contact hypersensitivity in atopic dermatitis model mice. *Scientific reports*, 13(1), 7936.

Umehara Y, et al. (2023) Calcitriol, an Active Form of Vitamin D3, Mitigates Skin Barrier Dysfunction in Atopic Dermatitis NC/Nga Mice. *International journal of molecular sciences*, 24(11).

Zeze N, et al. (2022) Role of ERK Pathway in the Pathogenesis of Atopic Dermatitis and Its Potential as a Therapeutic Target. *International journal of molecular sciences*, 23(7).

Lee JH, et al. (2022) Inhibitory Effects of Donkey Hide Gelatin on DNCB-Induced Atopic Dermatitis in NC/Nga Mice. *Frontiers in pharmacology*, 13, 896450.

Ogura M, et al. (2021) Prenylated quinolinecarboxylic acid compound-18 prevents sensory nerve fiber outgrowth through inhibition of the interleukin-31 pathway. *PloS one*, 16(2), e0246630.

Park G, et al. (2021) Cera Flava Alleviates Atopic Dermatitis by Activating Skin Barrier Function via Immune Regulation. *International journal of molecular sciences*, 22(14).

Moon IJ, et al. (2021) Treatment of atopic dermatitis using non-thermal atmospheric plasma in an animal model. *Scientific reports*, 11(1), 16091.

Toyama S, et al. (2021) Regulatory T Cells Exhibit Interleukin-33-Dependent Migratory Behavior during Skin Barrier Disruption. *International journal of molecular sciences*, 22(14).

Kim TH, et al. (2021) Anti-Allergic Effect of Low Molecular Weight Digest from Abalone Viscera on Atopic Dermatitis-Induced NC/Nga. *Marine drugs*, 19(11).

Lee YS, et al. (2020) NCM 1921, a Mixture of Several Ingredients, Including Fatty Acids and Choline, Attenuates Atopic Dermatitis in 1-Chloro-2,4-Dinitrobenzene-Treated NC/Nga Mice. *Nutrients*, 12(1).

Ngo HTT, et al. (2020) Inhibitory Effects of *Urtica thunbergiana* Ethanol Extract on Atopic Dermatitis-Induced NC/Nga Mice. *Antioxidants* (Basel, Switzerland), 9(3).

Jin SE, et al. (2020) Topical Application of A New Herbal Complex, NI-01, Ameliorates House Dust Mite-Induced Atopic Dermatitis in NC/Nga Mice. *Nutrients*, 12(5).

Kim JA, et al. (2020) Galectin-9 Induced by Dietary Prebiotics Regulates Immunomodulation to Reduce Atopic Dermatitis Symptoms in 1-Chloro-2,4-Dinitrobenzene (DNCB)-Treated NC/Nga Mice. *Journal of microbiology and biotechnology*, 30(9), 1343.

Lee J, et al. (2020) FABP5 as a possible biomarker in atopic march: FABP5-induced Th17 polarization, both in mouse model and human samples. *EBioMedicine*, 58, 102879.

Kim HY, et al. (2020) Effect of Hataedock Treatment on Epidermal Structure Maintenance through Intervention in the Endocannabinoid System. *Evidence-based complementary and alternative medicine : eCAM*, 2020, 3605153.

Hwang YH, et al. (2020) *Laminaria japonica* Suppresses the Atopic Dermatitis-Like Responses in NC/Nga Mice and Inflamed HaCaT Keratinocytes via the Downregulation of STAT1. *Nutrients*, 12(11).

Choi EJ, et al. (2019) *Enterococcus faecalis* EF-2001 protects DNBS-induced inflammatory bowel disease in mice model. *PloS one*, 14(2), e0210854.