

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

B6N.129-Nlrp3^{tm2Hhf}/J

RRID:IMSR_JAX:017970

Type: Organism

Proper Citation

RRID:IMSR_JAX:017970

Organism Information

URL: <https://www.jax.org/strain/017970>

Proper Citation: RRID:IMSR_JAX:017970

Description: Mus musculus with name B6N.129-Nlrp3^{tm2Hhf}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: NLR family; pyrin domain containing 3; mutant strain|congenic strain: Nlrp3

Affected Gene: NLR family; pyrin domain containing 3

Genomic Alteration: targeted mutation 2; Hal M Hoffman

Catalog Number: JAX:017970

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129-Nlrp3^{tm2Hhf}/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260808T050940+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129-Nlrp3^{tm2Hhf}/J.

No alerts have been found for B6N.129-Nlrp3^{tm2Hhf}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Stackowicz J, et al. (2021) Neutrophil-specific gain-of-function mutations in Nlrp3 promote development of cryopyrin-associated periodic syndrome. The Journal of experimental medicine, 218(10).

Ershaid N, et al. (2019) NLRP3 inflammasome in fibroblasts links tissue damage with inflammation in breast cancer progression and metastasis. Nature communications, 10(1), 4375.