

# Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

## B6.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J

RRID:IMSR\_JAX:037800

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:037800

### Organism Information

**URL:** <https://www.jax.org/strain/037800>

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**Description:** Mus musculus with name B6.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6N.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J

**Notes:** gene symbol note: nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor; alpha; mutant strain|congenic strain: Nfkb<sup>tm1.1Pjc</sup>/J

**Affected Gene:** nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor; alpha

**Genomic Alteration:** targeted mutation 1.1; Paul J Chiao

**Catalog Number:** JAX:037800

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J

**Record Creation Time:** 20250513T053901+0000

**Record Last Update:** 20260919T055044+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J.

No alerts have been found for B6.129X1(Cg)-Nfkb<sup>tm1.1Pjc</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Xiang MY, et al. (2026) Phased fragility and stability of non-genetic B cell states in the germinal center accelerate the genetic evolution of antibodies. Cell systems, 17(6), 101590.

Xiang MY, et al. (2025) Phased epigenetic fragility and stability accelerate the genetic evolution of B-cells. bioRxiv : the preprint server for biology.