

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## B6.Cg-Nfatc2<sup>tm1Rao</sup>/Mmnc

RRID:MMRRC\_000197-UNC

Type: Organism

### Proper Citation

RRID:MMRRC\_000197-UNC

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=197](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=197)

**Proper Citation:** RRID:MMRRC\_000197-UNC

**Description:** Mus musculus with name B6.Cg-Nfatc2<sup>tm1Rao</sup>/Mmnc from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** abnormal T cell differentiation [MP:0002145]| abnormal double-negative T cell morphology [MP:0002407]| abnormal mast cell physiology [MP:0002423]| abnormal B cell physiology [MP:0002459]| increased T cell apoptosis [MP:0006413]| decreased tumor necrosis factor secretion [MP:0008561]| decreased interleukin-13 secretion [MP:0008673]| decreased interleukin-2 secretion [MP:0008688]| decreased interleukin-4 secretion [MP:0008700]

**Affected Gene:** Nfatc2

**Catalog Number:** 000197-UNC

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:9516119](#), [PMID:9430230](#)

**Alternate IDs:** MMRRC\_197-UNC, MMRRC\_000197, MMRRC\_197

**Organism Name:** B6.Cg-Nfatc2<sup>tm1Rao</sup>/Mmnc

**Record Creation Time:** 20230308T054751+0000

**Record Last Update:** 20260801T123203+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Nfatc2*<sup>tm1Rao</sup>/Mmnc.

No alerts have been found for B6.Cg-*Nfatc2*<sup>tm1Rao</sup>/Mmnc.

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## Data and Source Information

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

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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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 [RRID](#) .

Zhu L, et al. (2022) Dapl1 controls NFATc2 activation to regulate CD8+ T cell exhaustion and responses in chronic infection and cancer. Nature cell biology, 24(7), 1165.

Manocha GD, et al. (2017) NFATc2 Modulates Microglial Activation in the A??PP/PS1 Mouse Model of Alzheimer's Disease. Journal of Alzheimer's disease : JAD, 58(3), 775.