Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

B6.Cg-*Nfatc2*^{tm1Rao}/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

Proper Citation: RRID:MMRRC_000197-UNC

Description: Mus musculus with name B6.Cg-*Nfatc2*^{tm1Rao}/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*^{tm1Rao}/Mmnc

Record Creation Time: 20230308T054751+0000

Record Last Update: 20250419T222356+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Nfatc2*^{tm1Rao}/Mmnc.

No alerts have been found for B6.Cg-*Nfatc2*^{tm1Rao}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.