

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.Cg-Nfatc2^{tm1Rao}

Tg(APP^{swe},PSEN1^{dE9})85Dbo/Mmmh

RRID:MMRRC_041200-MU

Type: Organism

Proper Citation

RRID:MMRRC_041200-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41200

Proper Citation: RRID:MMRRC_041200-MU

Description: Mus musculus with name B6.Cg-Nfatc2^{tm1Rao}
Tg(APP^{swe},PSEN1^{dE9})85Dbo/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation, Neurobiology; 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|APP^{swe}|APP|PSEN1

Catalog Number: 041200-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:28505967](#)

Alternate IDs: MMRRC_41200-MU, MMRRC_041200, MMRRC_412

Organism Name: B6.Cg-*Nfatc2*^{tm1Rao} Tg(APPswe,PSEN1dE9)85Dbo/Mmmh

Record Creation Time: 20230308T055217+0000

Record Last Update: 20260801T124455+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Nfatc2*^{tm1Rao} Tg(APPswe,PSEN1dE9)85Dbo/Mmmh.

No alerts have been found for B6.Cg-*Nfatc2*^{tm1Rao} Tg(APPswe,PSEN1dE9)85Dbo/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.