

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

129-Gt(ROSA)26Sor^{tm2(NOTCH3*C455R)Sat}Mmjax

RRID:MMRRC_033000-JAX

Type: Organism

Proper Citation

RRID:MMRRC_033000-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=33000

Proper Citation: RRID:MMRRC_033000-JAX

Description: Mus musculus with name 129-Gt(ROSA)26Sor^{tm2(NOTCH3*C455R)Sat}Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cardiovascular, Cell Biology, Developmental Biology, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Affected Gene: Gt(ROSA)26Sor|NOTCH3|

Catalog Number: 033000-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21555590](#)

Alternate IDs: MMRRC_33000-JAX, MMRRC_033000, MMRRC_33

Organism Name: 129-Gt(ROSA)26Sor^{tm2(NOTCH3*C455R)Sat}Mmjax

Record Creation Time: 20230308T055131+0000

Record Last Update: 20260815T124655+0000

Ratings and Alerts

No rating or validation information has been found for 129-*Gt(ROSA)26Sor^{tm2(NOTCH3**C455R*)Sat}*_{Mmjax}.

No alerts have been found for 129-*Gt(ROSA)26Sor^{tm2(NOTCH3**C455R*)Sat}*_{Mmjax}.

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 [NIF](#).

Yang X, et al. (2026) Vascular smooth muscle cell loss, but not neuroinflammation, drives cerebrovascular reactivity impairment in Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(2), e71209.

Machuca-Parra AI, et al. (2017) Therapeutic antibody targeting of Notch3 signaling prevents mural cell loss in CADASIL. *The Journal of experimental medicine*, 214(8), 2271.