

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

STOCK Notch1^{tm3(cre)}Rko/J

RRID:IMSR_JAX:006953

Type: Organism

Proper Citation

RRID:IMSR_JAX:006953

Organism Information

URL: <https://www.jax.org/strain/006953>

Proper Citation: RRID:IMSR_JAX:006953

Description: Mus musculus with name STOCK Notch1^{tm3(cre)}Rko/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |notch 1; mutant stock: |Notch1

Affected Gene: |notch 1

Genomic Alteration: targeted mutation 3; Raphael Kopan

Catalog Number: JAX:006953

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Notch1^{tm3(cre)}Rko/J

Record Creation Time: 20250513T053700+0000

Record Last Update: 20260905T044444+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Notch1^{tm3(cre)}Rko/J.

No alerts have been found for STOCK Notch1^{tm3(cre)}Rko/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Nemir M, et al. (2022) Inhibition of the NOTCH1 Pathway in the Stressed Heart Limits Fibrosis and Promotes Recruitment of Non-Myocyte Cells into the Cardiomyocyte Fate. Journal of cardiovascular development and disease, 9(4).

Cox BC, et al. (2012) Conditional gene expression in the mouse inner ear using Cre-loxP. Journal of the Association for Research in Otolaryngology : JARO, 13(3), 295.