

Resource Summary Report

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

C57BL/6-Nras^{tm1Tyj/J}

RRID:IMSR_JAX:008304

Type: Organism

Proper Citation

RRID:IMSR_JAX:008304

Organism Information

URL: <https://www.jax.org/strain/008304>

Proper Citation: RRID:IMSR_JAX:008304

Description: Mus musculus with name C57BL/6-Nras^{tm1Tyj/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: Nras proto-oncogene; GTPase; coisogenic strain: Nras

Affected Gene: Nras proto-oncogene; GTPase

Genomic Alteration: targeted mutation 1; Tyler Jacks

Catalog Number: JAX:008304

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Nras^{tm1Tyj/J}

Record Creation Time: 20250513T053707+0000

Record Last Update: 20260905T044451+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Nras^{tm1Tyj/J}.

No alerts have been found for C57BL/6-Nras^{tm1Tyj/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](#) .

Kunimoto H, et al. (2018) Cooperative Epigenetic Remodeling by TET2 Loss and NRAS Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity. Cancer cell, 33(1), 44.

Liu X, et al. (2018) Acetate Production from Glucose and Coupling to Mitochondrial Metabolism in Mammals. Cell, 175(2), 502.