

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 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: 20260912T060453+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 [dkNET](#) .

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.