

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

C57BL/6-Rac1^{tm1Jdo/J}

RRID:IMSR_JAX:033790

Type: Organism

Proper Citation

RRID:IMSR_JAX:033790

Organism Information

URL: <https://www.jax.org/strain/033790>

Proper Citation: RRID:IMSR_JAX:033790

Description: Mus musculus with name C57BL/6-Rac1^{tm1Jdo/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: Rac family small GTPase 1; coisogenic strain|mutant strain: Rac1

Affected Gene: Rac family small GTPase 1

Genomic Alteration: targeted mutation 1; Julian Downward

Catalog Number: JAX:033790

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Rac1^{tm1Jdo/J}

Record Creation Time: 20250513T053838+0000

Record Last Update: 20260808T051034+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Rac1^{tm1Jdo/J}.

No alerts have been found for C57BL/6-Rac1^{tm1Jdo/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Grimont A, et al. (2026) Molecular dynamics driving phenotypic divergence among KRAS mutants in pancreatic tumorigenesis. Developmental cell.