

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

B6(Cg)-Rhot1^{tm2.1Jmsu/J}

RRID:IMSR_JAX:031126

Type: Organism

Proper Citation

RRID:IMSR_JAX:031126

Organism Information

URL: <https://www.jax.org/strain/031126>

Proper Citation: RRID:IMSR_JAX:031126

Description: Mus musculus with name B6(Cg)-Rhot1^{tm2.1Jmsu/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: ras homolog family member T1; mutant strain: Rhot1

Affected Gene: ras homolog family member T1

Genomic Alteration: targeted mutation 2.1; Janet M Shaw

Catalog Number: JAX:031126

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(Cg)-Rhot1^{tm2.1Jmsu/J}

Record Creation Time: 20250513T053820+0000

Record Last Update: 20260919T055004+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Rhot1^{tm2.1Jmsu/J}.

No alerts have been found for B6(Cg)-Rhot1^{tm2.1Jmsu/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](#) .

Novak J, et al. (2025) The adaptor protein Miro1 modulates horizontal transfer of mitochondria in mouse melanoma models. Cell reports, 44(1), 115154.

Zhang K, et al. (2022) Acquisition of cellular properties during alveolar formation requires differential activity and distribution of mitochondria. eLife, 11.