

# Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

## B6(Cg)-Rhot1<sup>tm2.1Jmsu/J</sup>

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<sup>tm2.1Jmsu/J</sup> 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<sup>tm2.1Jmsu/J</sup>

**Record Creation Time:** 20250513T053820+0000

**Record Last Update:** 20260829T045129+0000

### Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Rhot1<sup>tm2.1Jmsu/J</sup>.

No alerts have been found for B6(Cg)-Rhot1<sup>tm2.1Jmsu/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## 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.