

# Resource Summary Report

Generated by T1D on Sep 15, 2026

## B6;129S1-Rnls<sup>tm1Gvd</sup>/J

RRID:IMSR\_JAX:019578

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:019578

### Organism Information

**URL:** <https://www.jax.org/strain/019578>

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**Description:** Mus musculus with name B6;129S1-Rnls<sup>tm1Gvd</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: renalase; FAD-dependent amine oxidase; mutant stock: Rnls

**Affected Gene:** renalase; FAD-dependent amine oxidase

**Genomic Alteration:** targeted mutation 1; Gary V Desir

**Catalog Number:** JAX:019578

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6;129S1-Rnls<sup>tm1Gvd</sup>/J

**Record Creation Time:** 20250513T053741+0000

**Record Last Update:** 20260912T060527+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S1-Rnls<sup>tm1Gvd</sup>/J.

No alerts have been found for B6;129S1-Rnls<sup>tm1Gvd</sup>/J.

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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 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

Tokinoya K, et al. (2021) Effects of renalase deficiency on liver fibrosis markers in a nonalcoholic steatohepatitis mouse model. Molecular medicine reports, 23(3).