

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 2026

B6;129S1-Rnls^{tm1Gvd}/J

RRID:IMSR_JAX:019578

Type: Organism

Proper Citation

RRID:IMSR_JAX:019578

Organism Information

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

Proper Citation: RRID:IMSR_JAX:019578

Description: Mus musculus with name B6;129S1-Rnls^{tm1Gvd}/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^{tm1Gvd}/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260725T044449+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-Rnls^{tm1Gvd}/J.

No alerts have been found for B6;129S1-Rnls^{tm1Gvd}/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 [SPARC SAWG](#) .

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