

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

129S-Rb1^{tm1Tyj/J}

RRID:IMSR_JAX:002082

Type: Organism

Proper Citation

RRID:IMSR_JAX:002082

Organism Information

URL: <https://www.jax.org/strain/002082>

Proper Citation: RRID:IMSR_JAX:002082

Description: Mus musculus with name 129S-Rb1^{tm1Tyj/J} from IMSR.

Species: Mus musculus

Synonyms: 129S3/-etc

Notes: gene symbol note: RB transcriptional corepressor 1; mutant strain: Rb1

Affected Gene: RB transcriptional corepressor 1

Genomic Alteration: targeted mutation 1; Tyler Jacks

Catalog Number: JAX:002082

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: 129S-Rb1^{tm1Tyj/J}

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260808T050831+0000

Ratings and Alerts

No rating or validation information has been found for 129S-Rb1^{tm1Tyj/J}.

No alerts have been found for 129S-Rb1^{tm1Tyj/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Liao J, et al. (2021) Lipoprotein Glomerulopathy-Like Lesions in Atherosclerotic Mice Defected With HDL Receptor SR-B1. *Frontiers in cardiovascular medicine*, 8, 734824.

Kiourtzidis M, et al. (2020) Vitamin D Status of Mice Deficient in Scavenger Receptor Class B Type 1, Cluster Determinant 36 and ATP-Binding Cassette Proteins G5/G8. *Nutrients*, 12(8).

Durham KK, et al. (2018) High-density lipoprotein protects cardiomyocytes against necrosis induced by oxygen and glucose deprivation through SR-B1, PI3K, and AKT1 and 2. *The Biochemical journal*, 475(7), 1253.

Sch??fer G, et al. (2009) The role of scavenger receptor B1 in infection with *Mycobacterium tuberculosis* in a murine model. *PloS one*, 4(12), e8448.