

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

C57BL/6J-Grm1^{rcw-3J}/GrsrJ

RRID:IMSR_JAX:005521

Type: Organism

Proper Citation

RRID:IMSR_JAX:005521

Organism Information

URL: <https://www.jax.org/strain/005521>

Proper Citation: RRID:IMSR_JAX:005521

Description: Mus musculus with name C57BL/6J-Grm1^{rcw-3J}/GrsrJ from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Grm1/J. C57BL/6J-rcw3J>/J

Notes: gene symbol note: glutamate receptor; metabotropic 1; coisogenic strain|mutant strain: Grm1

Affected Gene: glutamate receptor; metabotropic 1

Genomic Alteration: recoil wobbler 3 Jackson

Catalog Number: JAX:005521

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6J-Grm1^{rcw-3J}/GrsrJ

Record Creation Time: 20250513T053650+0000

Record Last Update: 20260815T050559+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Grm1^{rcw-3J}/GrsrJ.

No alerts have been found for C57BL/6J-Grm1^{rcw-3J}/GrsrJ.

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 [NIF](#) .

Bie B, et al. (2019) Activation of mGluR1 Mediates C1q-Dependent Microglial Phagocytosis of Glutamatergic Synapses in Alzheimer's Rodent Models. Molecular neurobiology, 56(8), 5568.