

Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

C57BL/6J-Epha4^{rb-2J}/GrsrJ

RRID:IMSR_JAX:003129

Type: Organism

Proper Citation

RRID:IMSR_JAX:003129

Organism Information

URL: <https://www.jax.org/strain/003129>

Proper Citation: RRID:IMSR_JAX:003129

Description: Mus musculus with name C57BL/6J-Epha4^{rb-2J}/GrsrJ from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-rb2J>/+. nm2367. C57BL/6J-Epha4/J

Notes: gene symbol note: cadherin related 23 (otocadherin)|Eph receptor A4; coisogenic strain|mutant strain: Cdh23|Epha4

Affected Gene: cadherin related 23 (otocadherin)|Eph receptor A4

Genomic Alteration: age related hearing loss 1|rabbit 2 Jackson

Catalog Number: JAX:003129

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Epha4^{rb-2J}/GrsrJ

Record Creation Time: 20250513T053637+0000

Record Last Update: 20260725T044346+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Epha4^{rb-2J}/GrsrJ.

No alerts have been found for C57BL/6J-Epha4^{rb-2J}/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 [SPARC SAWG](#) .

Abdullah NL, et al. (2017) A Novel Occulta-Type Spina Bifida Mediated by Murine Double Heterozygotes EphA2 and EphA4 Receptor Tyrosine Kinases. Frontiers in cell and developmental biology, 5, 105.