Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

B6J.129(Cg)-Igs2$^{tm1.1(CAG-cas9*)Mmw}$/J

RRID:IMSR_JAX:028239
Type: Organism

Proper Citation

RRID:IMSR_JAX:028239

Organism Information

URL: https://www.jax.org/strain/028239

Proper Citation: RRID:IMSR_JAX:028239

Description: Mus musculus with name B6J.129(Cg)-Igs2$^{tm1.1(CAG-cas9*)Mmw}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: intergenic site 2||CRISPR associated protein 9|intergenic site 2||CRISPR associated protein 9; mutant strain: Igs2||cas9|Igs2||cas9

Affected Gene: intergenic site 2||CRISPR associated protein 9|intergenic site 2||CRISPR associated protein 9

Genomic Alteration: targeted mutation 1.1; Monte Winslow

Catalog Number: JAX:028239

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:28239

Organism Name: B6J.129(Cg)-Igs2$^{tm1.1(CAG-cas9*)Mmw}$/J

Record Creation Time: 20230509T193325+0000

Record Last Update: 20250407T165839+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129(Cg)-Igs2$^{tm1.1(CAG-cas9*)Mmw}$/J.

No alerts have been found for B6J.129(Cg)-Igs2$^{tm1.1(CAG-cas9*)Mmw}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Ievlev V, et al. (2023) Krt14 and Krt15 differentially regulate regenerative properties and differentiation potential of airway basal cells. JCI insight, 8(2).

Nyberg WA, et al. (2023) An evolved AAV variant enables efficient genetic engineering of murine T cells. Cell, 186(2), 446.

Jauch-Speer SL, et al. (2022) C/EBP?-induced epigenetic changes control the dynamic gene transcription of S100a8 and S100a9. eLife, 11.

Torregrosa T, et al. (2021) Use of CRISPR/Cas9-mediated disruption of CNS cell type genes to profile transduction of AAV by neonatal intracerebroventricular delivery in mice. Gene therapy, 28(7-8), 456.

O'Neil SD, et al. (2021) Action potential-coupled Rho GTPase signaling drives presynaptic plasticity. eLife, 10.

Zhong H, et al. (2021) High-fidelity, efficient, and reversible labeling of endogenous proteins using CRISPR-based designer exon insertion. eLife, 10.

Bailey EM, et al. (2020) Engineered IgG1-Fc Molecules Define Valency Control of Cell Surface Fc? Receptor Inhibition and Activation in Endosomes. Frontiers in immunology, 11, 617767.

Lang JF, et al. (2019) Standard screening methods underreport AAV-mediated transduction and gene editing. Nature communications, 10(1), 3415.

Uezu A, et al. (2019) Essential role for InSyn1 in dystroglycan complex integrity and cognitive behaviors in mice. eLife, 8.