

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

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: CRISPR associated protein 9||intergenic site 2; mutant strain|congenic strain: cas9||Igs2

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

Genomic Alteration: targeted mutation 1.1; Monte Winslow

Catalog Number: JAX:028239

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260725T044509+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: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. *Immunity*, 58(2), 499.

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 β -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 γ 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.