

Resource Summary Report

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

B6;129-Igs2^{tm1}(CAG-cas9*)Mmw/J

RRID:IMSR_JAX:026816

Type: Organism

Proper Citation

RRID:IMSR_JAX:026816

Organism Information

URL: <https://www.jax.org/strain/026816>

Proper Citation: RRID:IMSR_JAX:026816

Description: Mus musculus with name B6;129-Igs2^{tm1}(CAG-cas9*)Mmw/J from IMSR.

Species: Mus musculus

Synonyms: B6;129-Igs2/J

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

Affected Gene: intergenic site 2|CRISPR associated protein 9

Genomic Alteration: targeted mutation 1; Monte Winslow

Catalog Number: JAX:026816

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Igs2^{tm1}(CAG-cas9*)Mmw/J

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260808T050958+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Igs2^{tm1}(CAG-cas9*)Mmw/J.

No alerts have been found for B6;129-Igs2^{tm1(CAG-cas9*)}Mmw/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](#).

Dacheux MA, et al. (2025) BRAFV600E-Driven Lung Tumorigenesis Requires Ligand-Mediated Activation of ERBB Receptor Signaling. bioRxiv : the preprint server for biology.

Vaishnavi A, et al. (2022) Transposon Mutagenesis Reveals RBMS3 Silencing as a Promoter of Malignant Progression of BRAFV600E-Driven Lung Tumorigenesis. Cancer research, 82(22), 4261.

Shi DD, et al. (2022) De novo pyrimidine synthesis is a targetable vulnerability in IDH mutant glioma. Cancer cell, 40(9), 939.

Oser MG, et al. (2019) The KDM5A/RBP2 histone demethylase represses NOTCH signaling to sustain neuroendocrine differentiation and promote small cell lung cancer tumorigenesis. Genes & development, 33(23-24), 1718.