Resource Summary Report

Generated by Kravitz on Sep 20, 2026

B6.Cg-Igs2$^{tm1(CAG-mCherry.-dcas9/KRAB)Mtm}$/J

RRID:IMSR_JAX:030000
Type: Organism

Proper Citation

RRID:IMSR_JAX:030000

Organism Information

URL: https://www.jax.org/strain/030000

Proper Citation: RRID:IMSR_JAX:030000

Description: Mus musculus with name B6.Cg-Igs2$^{tm1(CAG-mCherry.-dcas9/KRAB)Mtm}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Igs2/J

Notes: gene symbol note: intergenic site 2; mutant strain|congenic strain: Igs2

Affected Gene: intergenic site 2

Genomic Alteration: targeted mutation 1; Micheal McManus

Catalog Number: JAX:030000

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Igs2$^{tm1(CAG-mCherry.-dcas9/KRAB)Mtm}$/J

Record Creation Time: 20250513T053812+0000

Record Last Update: 20260919T054956+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Igs2$^{tm1(CAG-mCherry.-dcas9/KRAB)Mtm}/J$.

No alerts have been found for B6.Cg-Igs2$^{tm1(CAG-mCherry.-dcas9/KRAB)Mtm}/J$.

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 Kravitz .

Omachi K, et al. (2026) Glomerular basement membrane structural integrity dictates trans-tissue deposition of laminin in the kidney. Cell reports, 45(3), 117006.

Ramani B, et al. (2025) CRISPR screening by AAV episome-sequencing (CrAAVe-seq): a scalable cell-type-specific in vivo platform uncovers neuronal essential genes. Nature neuroscience.

Ramani B, et al. (2023) Scalable, cell type-selective, AAV-based in vivo CRISPR screening in the mouse brain. bioRxiv : the preprint server for biology.

Laster DJ, et al. (2023) CRISPR interference provides increased cell type-specificity compared to the Cre-loxP system. iScience, 26(8), 107428.