

Resource Summary Report

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B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-GFP/Eif2c2)}Zjh/J

RRID:IMSR_JAX:017626

Type: Organism

Proper Citation

RRID:IMSR_JAX:017626

Organism Information

URL: <https://www.jax.org/strain/017626>

Proper Citation: RRID:IMSR_JAX:017626

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-GFP/Eif2c2)}Zjh/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Gt(ROSA)26Sor/J. B6(NZB)-Gt(ROSA)26Sor/J. B6(Cg)-Gt(ROSA)26Sor/J

Notes: gene symbol note: |gene trap ROSA 26; Philippe Soriano|myc tag|argonaute RISC catalytic subunit 2; mutant strain|congenic strain: |Gt(ROSA)26Sor|myc tag|Ago2

Affected Gene: |gene trap ROSA 26; Philippe Soriano|myc tag|argonaute RISC catalytic subunit 2

Genomic Alteration: targeted mutation 1; Z Josh Huang

Catalog Number: JAX:017626

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm1(CAG-GFP/Eif2c2)}Zjh/J

Record Creation Time: 20250513T053733+0000

Record Last Update: 20260725T044442+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm1}(CAG-GFP/Eif2c2)Zjh/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm1}(CAG-GFP/Eif2c2)Zjh/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Galloway DA, et al. (2025) miR-146a is a Pleiotropic Regulator of Motor Neuron Degeneration. bioRxiv : the preprint server for biology.

Zolboot N, et al. (2025) MicroRNA mechanisms instructing Purkinje cell specification. Neuron, 113(10), 1629.

Li X, et al. (2024) Molecular protocol for genome-wide and cell-type-selective profiling of in vivo small noncoding RNA:target RNA interactions by CIMERA-seq. STAR protocols, 5(4), 103477.

Li X, et al. (2024) Genome-wide and cell-type-selective profiling of in vivo small noncoding RNA:target RNA interactions by chimeric RNA sequencing. Cell reports methods, 4(8), 100836.

Ma Q, et al. (2020) Oligodendrocyte-specific Argonaute profiling identifies microRNAs associated with experimental autoimmune encephalomyelitis. Journal of neuroinflammation, 17(1), 297.

Hoye ML, et al. (2018) Motor neuron-derived microRNAs cause astrocyte dysfunction in amyotrophic lateral sclerosis. Brain : a journal of neurology, 141(9), 2561.

Hoye ML, et al. (2017) MicroRNA Profiling Reveals Marker of Motor Neuron Disease in ALS Models. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(22), 5574.