

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6N.129(B6J)-Gt(ROSA)26Sor^{tm1}(CAG-cas9*.-EGFP)Fezh/J

RRID:IMSR_JAX:026556

Type: Organism

Proper Citation

RRID:IMSR_JAX:026556

Organism Information

URL: <https://www.jax.org/strain/026556>

Proper Citation: RRID:IMSR_JAX:026556

Description: Mus musculus with name B6N.129(B6J)-Gt(ROSA)26Sor^{tm1}(CAG-cas9*.-EGFP)Fezh/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano||CRISPR associated protein 9; mutant strain|congenic strain: Gt(ROSA)26Sor||cas9

Affected Gene: gene trap ROSA 26; Philippe Soriano||CRISPR associated protein 9

Genomic Alteration: targeted mutation 1; Feng Zhang

Catalog Number: JAX:026556

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129(B6J)-Gt(ROSA)26Sor^{tm1}(CAG-cas9*.-EGFP)Fezh/J

Record Creation Time: 20250513T053757+0000

Record Last Update: 20260919T054942+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129(B6J)-Gt(ROSA)26Sor^{tm1(CAG-cas9*.EGFP)Fezh/J}.

No alerts have been found for B6N.129(B6J)-Gt(ROSA)26Sor^{tm1(CAG-cas9*.EGFP)Fezh/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 [T1D](#).

Wang Y, et al. (2024) Therapeutic siRNA targeting PLIN2 ameliorates steatosis, inflammation, and fibrosis in steatotic liver disease models. *Journal of lipid research*, 65(10), 100635.

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. *Cell reports*, 43(6), 114278.

Yang J, et al. (2022) Functionally distinct NPAS4-expressing somatostatin interneuron ensembles critical for motor skill learning. *Neuron*, 110(20), 3339.

Wang X, et al. (2021) Receptor-Mediated ER Export of Lipoproteins Controls Lipid Homeostasis in Mice and Humans. *Cell metabolism*, 33(2), 350.

Wang X, et al. (2021) Acute gene inactivation in the adult mouse liver using the CRISPR-Cas9 technology. *STAR protocols*, 2(3), 100611.

Leeper K, et al. (2021) Lineage barcoding in mice with homing CRISPR. *Nature protocols*, 16(4), 2088.

Huang D, et al. (2021) TMEM41B acts as an ER scramblase required for lipoprotein biogenesis and lipid homeostasis. *Cell metabolism*, 33(8), 1655.