Resource Summary Report

Generated by dkNET on Sep 7, 2026

STOCK Gt(ROSA)26Sor$^{tm5(ACTB-tTA)Luo}$ Igs7/HzeJ

RRID:IMSR_JAX:024107
Type: Organism

Proper Citation

RRID:IMSR_JAX:024107

Organism Information

URL: https://www.jax.org/strain/024107

Proper Citation: RRID:IMSR_JAX:024107

Description: Mus musculus with name STOCK Gt(ROSA)26Sor$^{tm5(ACTB-tTA)Luo}$ Igs7 /HzeJ from IMSR.

Species: Mus musculus

Synonyms: STOCK Gt(ROSA)26Sor Igs7/HzeJ

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano|actin; beta|tet operator|tetracycline-controlled transactivator|Genetically encoded calcium indicator|intergenic site 7; mutant stock: Gt(ROSA)26Sor|ACTB|tetO|tTA|GCaMP|Igs7

Affected Gene: gene trap ROSA 26; Philippe Soriano|actin; beta|tet operator|tetracycline-controlled transactivator|Genetically encoded calcium indicator|intergenic site 7

Genomic Alteration: targeted mutation 5; Liqun Luo|targeted mutation 93; Hongkui Zeng

Catalog Number: JAX:024107

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gt(ROSA)26Sor$^{tm5(ACTB-tTA)Luo}$ Igs7/HzeJ

Record Creation Time: 20250513T053750+0000

Record Last Update: 20260905T044530+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gt(ROSA)26Sor$^{tm5(ACTB-tTA)Luo}$ Igs7/HzeJ.

No alerts have been found for STOCK Gt(ROSA)26Sor$^{tm5(ACTB-tTA)Luo}$ Igs7/HzeJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Azcorra M, et al. (2023) Unique functional responses differentially map onto genetic subtypes of dopamine neurons. Nature neuroscience, 26(10), 1762.

Davenport CM, et al. (2022) Innate frequency-discrimination hyperacuity in Williams-Beuren syndrome mice. Cell, 185(21), 3877.

Mitani A, et al. (2018) Brain-Computer Interface with Inhibitory Neurons Reveals Subtype-Specific Strategies. Current biology : CB, 28(1), 77.