

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

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

RRID:IMSR_JAX:024112

Type: Organism

Proper Citation

RRID:IMSR_JAX:024112

Organism Information

URL: <https://www.jax.org/strain/024112>

Proper Citation: RRID:IMSR_JAX:024112

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

Species: Mus musculus

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

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

Genomic Alteration: targeted mutation 94.1; Hongkui Zeng|targeted mutation 5; Liquan Luo

Catalog Number: JAX:024112

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

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

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/J.

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Srinivasan S, et al. (2025) Transient reactivation of small ensembles of adult-born neurons during REM sleep supports memory consolidation in mice. Nature communications, 16(1), 7210.