

Resource Summary Report

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

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

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

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: 20260815T050701+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 [nidm-terms](#) .

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.