

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

STOCK Tg(ACTB-tTA2.-MAPT/lacZ)1Luo/J

RRID:IMSR_JAX:014092

Type: Organism

Proper Citation

RRID:IMSR_JAX:014092

Organism Information

URL: <https://www.jax.org/strain/014092>

Proper Citation: RRID:IMSR_JAX:014092

Description: Mus musculus with name STOCK Tg(ACTB-tTA2.-MAPT/lacZ)1Luo/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(ACTB-tTA2.-lacZ)1Luo/J

Notes: gene symbol note: tetracycline-controlled transactivator|microtubule associated protein tau|actin; beta|transgene insertion 1; Liqun Luo|beta-galactosidase|cytomegalovirus; mutant stock: tTA|MAPT|ACTB|Tg(ACTB-tTA2;-MAPT/lacZ)1Luo|lacZ|CMV

Affected Gene: tetracycline-controlled transactivator|microtubule associated protein tau|actin; beta|transgene insertion 1; Liqun Luo|beta-galactosidase|cytomegalovirus

Genomic Alteration: transgene insertion 1; Liqun Luo

Catalog Number: JAX:014092

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(ACTB-tTA2.-MAPT/lacZ)1Luo/J

Record Creation Time: 20250513T053726+0000

Record Last Update: 20260725T044435+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(ACTB-tTA2.-MAPT/lacZ)1Luo/J.

No alerts have been found for STOCK Tg(ACTB-tTA2.-MAPT/lacZ)1Luo/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

M??llner FE, et al. (2024) Individual thalamic inhibitory interneurons are functionally specialized toward distinct visual features. *Neuron*, 112(16), 2765.

Munz M, et al. (2023) Pyramidal neurons form active, transient, multilayered circuits perturbed by autism-associated mutations at the inception of neocortex. *Cell*, 186(9), 1930.