

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

STOCK Igs5^{tm2.1}(ACTB-EGFP.-tdTomato)Luo/J

RRID:IMSR_JAX:021457

Type: Organism

Proper Citation

RRID:IMSR_JAX:021457

Organism Information

URL: <https://www.jax.org/strain/021457>

Proper Citation: RRID:IMSR_JAX:021457

Description: Mus musculus with name STOCK Igs5^{tm2.1}(ACTB-EGFP.-tdTomato)Luo/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Iis5/J. STOCK Iis5/J

Notes: gene symbol note: actin; beta||intergenic site 5; mutant stock: ACTB||Igs5

Affected Gene: actin; beta||intergenic site 5

Genomic Alteration: targeted mutation 2.1; Liquen Luo

Catalog Number: JAX:021457

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Igs5^{tm2.1}(ACTB-EGFP.-tdTomato)Luo/J

Record Creation Time: 20250513T053743+0000

Record Last Update: 20260919T054930+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Igs5^{tm2.1}(ACTB-EGFP.-tdTomato)Luo/J.

No alerts have been found for STOCK Igs5^{tm2.1}(ACTB-EGFP.-tdTomato)Luo/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Contreras X, et al. (2021) A genome-wide library of MADM mice for single-cell genetic mosaic analysis. Cell reports, 35(12), 109274.

Amberg N, et al. (2021) Genetic mosaic dissection of candidate genes in mice using mosaic analysis with double markers. STAR protocols, 2(4), 100939.

Laukoter S, et al. (2020) Cell-Type Specificity of Genomic Imprinting in Cerebral Cortex. Neuron, 107(6), 1160.

Laukoter S, et al. (2020) Generation and isolation of single cells from mouse brain with mosaic analysis with double markers-induced uniparental chromosome disomy. STAR protocols, 1(3), 100215.