

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## STOCK Igs5<sup>tm2.1</sup>(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>

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**Description:** Mus musculus with name STOCK Igs5<sup>tm2.1</sup>(ACTB-EGFP.-tdTomato)Luo/J from IMSR.

**Species:** Mus musculus

**Synonyms:** STOCK Iis5/J. STOCK Iis5/J

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

**Affected Gene:** |intergenic site 5|actin; beta

**Genomic Alteration:** targeted mutation 2.1; Liqun Luo

**Catalog Number:** JAX:021457

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** STOCK Igs5<sup>tm2.1</sup>(ACTB-EGFP.-tdTomato)Luo/J

**Record Creation Time:** 20250513T053743+0000

**Record Last Update:** 20260808T050946+0000

### Ratings and Alerts

No rating or validation information has been found for STOCK Igs5<sup>tm2.1</sup>(ACTB-EGFP.-tdTomato)Luo/J.

No alerts have been found for STOCK Igs5<sup>tm2.1</sup>(ACTB-EGFP.-tdTomato)Luo/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

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

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.