

# Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[Gt\(ROSA\)26Sor<sup>tm4</sup>\(ACTB-tdTomato/-EGFP\)Luo](#)  
[/Gt\(ROSA\)26Sor<sup>tm4</sup>\(ACTB-tdTomato/-EGFP\)Luo](#)

RRID:MGI:3722405

Type: Organism

## Proper Citation

RRID:MGI:3722405

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3722405

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** no abnormal phenotype detected

**Affected Gene:** Gt(ROSA)26Sor

**Genomic Alteration:** tm4(ACTB-tdTomato, -EGFP)Luo

**Catalog Number:** 3722405

**Background:** involves: 129S1/Sv \* 129X1/SvJ

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:17868096](#)

**Organism Name:** Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo<sup>0</sup>/Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo

**Record Creation Time:** 20240120T190502+0000

**Record Last Update:** 20240130T201932+0000

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## Ratings and Alerts

No rating or validation information has been found for Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo.

No alerts have been found for Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Cooke P, et al. (2025) Functional Regrowth of Norepinephrine Axons in the Adult Mouse Brain Following Injury. eNeuro, 12(1).

Janowitz HN, et al. (2024) Chronic Treatment with Serotonin Selective Reuptake Inhibitors Does Not Affect Regrowth of Serotonin Axons Following Amphetamine Injury in the Mouse Forebrain. eNeuro, 11(2).

Dougherty SE, et al. (2020) Catecholaminergic axons in the neocortex of adult mice regrow following brain injury. Experimental neurology, 323, 113089.

Lodge EJ, et al. (2019) Homeostatic and tumourigenic activity of SOX2+ pituitary stem cells is controlled by the LATS/YAP/TAZ cascade. eLife, 8.

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.

Dubail J, et al. (2016) Impaired ADAMTS9 secretion: A potential mechanism for eye defects in Peters Plus Syndrome. Scientific reports, 6, 33974.