

# Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[Tg\(Prox1-cre/ERT2\)#aTmak; Gt\(ROSA\)26Sor  
tm4\(ACTB-tdTomato/-EGFP\)Luo/Gt\(ROSA\)26Sor<sup>+</sup>](#)

RRID:MGI:5617995

Type: Organism

## Proper Citation

RRID:MGI:5617995

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5617995

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

**Species:** Mus musculus

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

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

**Genomic Alteration:** Tg(Prox1-cre/ERT2)#aTmak, tm4(ACTB-tdTomato, -EGFP)Luo

**Catalog Number:** 5617995

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

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

**Database Abbreviation:** MGI

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

**Organism Name:** Tg(Prox1-cre/ERT2)#aTmak; Gt(ROSA)26Sor<sup>tm4(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor<sup>+</sup></sup>

**Record Creation Time:** 20240120T190033+0000

**Record Last Update:** 20240130T201658+0000

## Ratings and Alerts

No rating or validation information has been found for Tg(Prox1-cre/ERT2)#aTmak; Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor<sup>+</sup>.

No alerts have been found for Tg(Prox1-cre/ERT2)#aTmak; Gt(ROSA)26Sor<sup>tm4</sup>(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor<sup>+</sup>.

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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 [NIF](#) .

Thierry GR, et al. (2018) The conduit system exports locally secreted IgM from lymph nodes. The Journal of experimental medicine, 215(12), 2972.

Piao W, et al. (2018) Regulation of T cell afferent lymphatic migration by targeting LT $\beta$ R-mediated non-classical NF $\kappa$ B signaling. Nature communications, 9(1), 3020.

Martin-Almedina S, et al. (2016) EPHB4 kinase-inactivating mutations cause autosomal dominant lymphatic-related hydrops fetalis. The Journal of clinical investigation, 126(8), 3080.

Kivelä R, et al. (2016) The transcription factor Prox1 is essential for satellite cell differentiation and muscle fibre-type regulation. Nature communications, 7, 13124.

Bianchi R, et al. (2015) A transgenic Prox1-Cre-tdTomato reporter mouse for lymphatic vessel research. PloS one, 10(4), e0122976.

Yin X, et al. (2010) A critical role for lymphatic endothelial heparan sulfate in lymph node metastasis. Molecular cancer, 9, 316.