

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

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

RRID:MGI:5617995

Type: Organism

Proper Citation

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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^{tm4(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor⁺}

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^{tm4}(ACTB-tdTomato/-EGFP)Luo/Gt(ROSA)26Sor⁺.

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

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

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.