

Resource Summary Report

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

C57BL/6JGpt-Tg(Prox1-CreERT2-polyA)29/Gpt

RRID:IMSR_GPT:T010829

Type: Organism

Proper Citation

RRID:IMSR_GPT:T010829

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3692899.html

Proper Citation: RRID:IMSR_GPT:T010829

Description: Mus musculus with name C57BL/6JGpt-Tg(Prox1-CreERT2-polyA)29/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: prospero homeobox 1; noninbred stock: Prox1;CreERT2

Affected Gene: prospero homeobox 1

Catalog Number: GPT:T010829

Database: GemPharmatech

Database Abbreviation: GPT

Availability: sperm

Organism Name: C57BL/6JGpt-Tg(Prox1-CreERT2-polyA)29/Gpt

Record Creation Time: 20250513T054016+0000

Record Last Update: 20260919T055158+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Tg(Prox1-CreERT2-polyA)29/Gpt.

No alerts have been found for C57BL/6JGpt-Tg(Prox1-CreERT2-polyA)29/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Yang MJ, et al. (2026) Cooperative ETS transcription factors are required for lymphatic endothelial cell integrity and resilience. *The Journal of clinical investigation*, 136(5).

Ragab M, et al. (2025) Epithelial genetic muscarinic receptor 3 ablation induces sex-specific modulation of colonic intestinal progenitor cells and response to intestinal injury. *Journal of Crohn's & colitis*, 19(6).

Mishra S, et al. (2025) Inhibition of VE-PTP rejuvenates Schlemm's canal in aged mice and acts via Tie2. *PloS one*, 20(5), e0323615.

Bangs DJ, et al. (2025) Tertiary lymphoid structures support the development of allergen-specific progenitor CD4⁺ T cells. *bioRxiv : the preprint server for biology*.

Geng X, et al. (2025) S1PR1 regulates lymphatic valve development and tertiary lymphoid organ formation in the ileum. *The Journal of experimental medicine*, 222(9).

Schulz ME, et al. (2025) Regulation of Collecting Lymphatic Vessel Contractile Function by TRPV4 Channels. *Arteriosclerosis, thrombosis, and vascular biology*, 45(9), e412.

Davis MJ, et al. (2025) Hierarchical Requirement for Endothelial Cell Connexins Cx37, Cx47, Cx43, and Cx45 in Lymphatic Valve Function. *Function (Oxford, England)*, 6(5).

Chen L, et al. (2025) Lymphatic-stem cell crosstalk promotes tendon regeneration via Notch1-Srebp2-mediated cholesterol metabolism. *Nature communications*, 17(1), 1136.

Sun M, et al. (2025) Lymphatic-derived oxysterols promote anti-tumor immunity and response to immunotherapy in melanoma. *Nature communications*, 16(1), 1217.

K C R, et al. (2024) Zmiz1 is a novel regulator of lymphatic endothelial cell gene expression and function. *PloS one*, 19(5), e0302926.

Hong SP, et al. (2023) Three-dimensional morphologic and molecular atlases of nasal vasculature. *Nature cardiovascular research*, 2(5), 449.