

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 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: 20260905T044738+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 [dkNET](#) .

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.