

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

C57BL/6JGpt-Rosa26^{em1Cin(SA-CreERT2)}/Gpt

RRID:IMSR_GPT:T050182

Type: Organism

Proper Citation

RRID:IMSR_GPT:T050182

Organism Information

URL: https://en.gempharmatech.com/product/details100035_4023167.html

Proper Citation: RRID:IMSR_GPT:T050182

Description: Mus musculus with name C57BL/6JGpt-Rosa26^{em1Cin(SA-CreERT2)}/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: ; coisogenic strain: Rosa26;CreERT2;CreER

Catalog Number: GPT:T050182

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: C57BL/6JGpt-Rosa26^{em1Cin(SA-CreERT2)}/Gpt

Record Creation Time: 20250513T054429+0000

Record Last Update: 20260912T061115+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Rosa26^{em1Cin(SA-CreERT2)}/Gpt.

No alerts have been found for C57BL/6JGpt-Rosa26^{em1Cin(SA-CreERT2)}/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Huang X, et al. (2026) A biosafe mouse model for SARS-CoV-2 infection that more realistically simulates COVID-19 symptoms. *Signal transduction and targeted therapy*, 11(1).

Niu S, et al. (2026) TBC1 domain family member 23 is essential for STING-mediated anti-melanoma effect. *Molecular biomedicine*, 7(1).

Oda A, et al. (2026) Extramedullary hematopoietic niches support the initiation and progression of myeloid malignancy in the murine spleen. *Scientific reports*, 16(1).

Kramer J, et al. (2025) Inactivation of cofilin-1 in Mcpt5-Cre-nf-Cfl1fl/fl mice prevents the formation of connective tissue mast cells without affecting basophils: a new tool to investigate the specific role of CTMCs in disease. *Frontiers in immunology*, 16, 1671735.

Horiuchi T, et al. (2025) Redox-dependent liver gluconeogenesis impacts different intensity exercise in mice. *Nature metabolism*.

Janeckova L, et al. (2025) Tcf4 regulates secretory cell fate decisions in the small intestine and colon tumors: insights from transcriptomic, histological, and microbiome analyses. *Stem cell research & therapy*, 16(1), 170.

Lan F, et al. (2025) GZMK-expressing CD8+ T cells promote recurrent airway inflammatory diseases. *Nature*, 638(8050), 490.

Wang S, et al. (2025) Disrupting the OTUD4-USP7 deubiquitinase complex to suppress herpesvirus replication: a novel antiviral strategy. *PLoS pathogens*, 21(4), e1013052.

Yan R, et al. (2025) Soluble N-terminal region of prion protein causes rapid neurodegeneration in prion disease. *Science advances*, 11(32), eadw6867.

Hao J, et al. (2024) Dysregulation of Wnt/??-catenin signaling contributes to intestinal inflammation through regulation of group 3 innate lymphoid cells. *Nature communications*, 15(1), 2820.

Messling JE, et al. (2024) RIO-kinase 2 is essential for hematopoiesis. *PloS one*, 19(4), e0300623.

Ikushima A, et al. (2024) Deletion of p38 MAPK in macrophages ameliorates peritoneal fibrosis and inflammation in peritoneal dialysis. *Scientific reports*, 14(1), 21220.

Zhang Y, et al. (2023) Regulation of pDC fate determination by histone deacetylase 3. *eLife*, 12.

Singh AK, et al. (2023) MRTF-A gain-of-function in mice impairs homeostatic renewal of the intestinal epithelium. *Cell death & disease*, 14(9), 639.