

Resource Summary Report

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

C57BL/6JGpt-Six2^{em1Cin}(LSL-tdTomato)/Gpt

RRID:IMSR_GPT:T053304

Type: Organism

Proper Citation

RRID:IMSR_GPT:T053304

Organism Information

URL: https://en.gempharmatech.com/product/details100035_4028730.html

Proper Citation: RRID:IMSR_GPT:T053304

Description: Mus musculus with name C57BL/6JGpt-Six2^{em1Cin}(LSL-tdTomato)/Gpt from IMSR.

Species: Mus musculus

Notes: gene symbol note: sine oculis-related homeobox 2; coisogenic strain: Six2;tdTomato

Affected Gene: sine oculis-related homeobox 2

Catalog Number: GPT:T053304

Database: GemPharmatech

Database Abbreviation: GPT

Availability: sperm

Organism Name: C57BL/6JGpt-Six2^{em1Cin}(LSL-tdTomato)/Gpt

Record Creation Time: 20250513T054439+0000

Record Last Update: 20260829T045744+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JGpt-Six2^{em1Cin}(LSL-tdTomato)/Gpt.

No alerts have been found for C57BL/6JGpt-Six2^{em1Cin}(LSL-tdTomato)/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

An L, et al. (2023) Sexual dimorphism in melanocyte stem cell behavior reveals combinational therapeutic strategies for cutaneous repigmentation. bioRxiv : the preprint server for biology.

Lee E, et al. (2023) An agonistic anti-Tie2 antibody suppresses the normal-to-tumor vascular transition in the glioblastoma invasion zone. Experimental & molecular medicine, 55(2), 470.

Kojima H, et al. (2023) Complete remission of diabetes with a transient HDAC inhibitor and insulin in streptozotocin mice. Communications biology, 6(1), 637.

Hayashi M, et al. (2023) Enteroendocrine cell lineages that differentially control feeding and gut motility. eLife, 12.

Bin NR, et al. (2023) An airway-to-brain sensory pathway mediates influenza-induced sickness. Nature, 615(7953), 660.

Ortiz-Muñoz G, et al. (2023) In situ tumour arrays reveal early environmental control of cancer immunity. Nature, 618(7966), 827.

Liu Y, et al. (2022) Rapid acceleration of KRAS-mutant pancreatic carcinogenesis via remodeling of tumor immune microenvironment by PPAR?. Nature communications, 13(1), 2665.

Kolodkin-Gal D, et al. (2022) Senolytic elimination of Cox2-expressing senescent cells inhibits the growth of premalignant pancreatic lesions. Gut, 71(2), 345.

Xu H, et al. (2022) Contribution of Endothelial Laminin-Binding Integrins to Cellular Processes Associated with Angiogenesis. Cells, 11(5).

Burl RB, et al. (2022) Deconstructing cold-induced brown adipocyte neogenesis in mice. eLife, 11.

Minatoguchi S, et al. (2022) A novel renal perivascular mesenchymal cell subset gives rise to fibroblasts distinct from classic myofibroblasts. Scientific reports, 12(1), 5389.

Garcia Garcia CJ, et al. (2022) Stromal HIF2 Regulates Immune Suppression in the Pancreatic Cancer Microenvironment. Gastroenterology, 162(7), 2018.

Scales MK, et al. (2022) Combinatorial Gli activity directs immune infiltration and tumor growth in pancreatic cancer. PLoS genetics, 18(7), e1010315.

Rumianek AN, et al. (2022) A Human CD68 Promoter-Driven Inducible Cre-Recombinase Mouse Line Allows Specific Targeting of Tissue Resident Macrophages. Frontiers in immunology, 13, 918636.

Buchanan KL, et al. (2022) The preference for sugar over sweetener depends on a gut sensor cell. Nature neuroscience, 25(2), 191.

Esmaeili V, et al. (2021) Rapid suppression and sustained activation of distinct cortical regions for a delayed sensory-triggered motor response. Neuron, 109(13), 2183.

Sato H, et al. (2021) Neurodegenerative processes accelerated by protein malnutrition and decelerated by essential amino acids in a tauopathy mouse model. Science advances, 7(43), eabd5046.

Dai B, et al. (2021) Dual targeting of lymphocyte homing and retention through $\alpha 4\beta 7$ and $\alpha E\beta 7$ inhibition in inflammatory bowel disease. Cell reports. Medicine, 2(8), 100381.

Balestrini A, et al. (2021) A TRPA1 inhibitor suppresses neurogenic inflammation and airway contraction for asthma treatment. The Journal of experimental medicine, 218(4).

Kretzschmar K, et al. (2021) Troy/Tnfrsf19 marks epidermal cells that govern interfollicular epidermal renewal and cornification. Stem cell reports, 16(9), 2379.