

Resource Summary Report

Generated by [T1D](#) on Sep 22, 2026

B6;FVB-Ptprc^a Tg(CAG-luc.-GFP)L2G85Chco Thy1/J

RRID:IMSR_JAX:025854

Type: Organism

Proper Citation

RRID:IMSR_JAX:025854

Organism Information

URL: <https://www.jax.org/strain/025854>

Proper Citation: RRID:IMSR_JAX:025854

Description: Mus musculus with name B6;FVB-Ptprc^a Tg(CAG-luc.-GFP)L2G85Chco Thy1/J from [IMSR](#).

Species: Mus musculus

Synonyms: B6.FVB-Ptprc [Tg\(CAG-luc.-GFP\)L2G85Chco Thy1/J](#)

Notes: gene symbol note: actin; beta|thymus cell antigen 1; theta|protein tyrosine phosphatase receptor type C||transgene insertion L2G85; Christopher H Contag|cytomegalovirus|luciferase; mutant stock: ACTB|Thy1|Ptprc||Tg(CAG-luc.-GFP)L2G85Chco|CMV|luc

Affected Gene: actin; beta|thymus cell antigen 1; theta|protein tyrosine phosphatase receptor type C||transgene insertion L2G85; Christopher H Contag|cytomegalovirus|luciferase

Genomic Alteration: transgene insertion L2G85; Christopher H Contag|a variant

Catalog Number: JAX:025854

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;FVB-Ptprc^a Tg(CAG-luc.-GFP)L2G85Chco Thy1/J

Record Creation Time: 20250513T053755+0000

Record Last Update: 20260919T054941+0000

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Ptprc^a Tg(CAG-luc.-GFP)L2G85Chco Thy1/J.

No alerts have been found for B6;FVB-Ptprc^a Tg(CAG-luc.-GFP)L2G85Chco Thy1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Pastrana CC, et al. (2026) Nonsense-Mediated RNA Decay Is a Targetable Vulnerability in Splicing Factor Mutant Myeloid Neoplasms by Enhancing R-Loop Accumulation and DNA Damage. *Cancer research*, 86(14), 3537.

Suda M, et al. (2025) Endothelial senescent-cell-specific clearance alleviates metabolic dysfunction in obese mice. *Cell metabolism*, 37(12), 2455.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Ogrodnik M, et al. (2019) Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. *Cell metabolism*, 29(5), 1061.

Weaver JD, et al. (2017) Vasculogenic hydrogel enhances islet survival, engraftment, and function in leading extrahepatic sites. *Science advances*, 3(6), e1700184.