

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6.Cg-Tg(Ly6a-EGFP)G5Dzk/J

RRID:IMSR_JAX:012643

Type: Organism

Proper Citation

RRID:IMSR_JAX:012643

Organism Information

URL: <https://www.jax.org/strain/012643>

Proper Citation: RRID:IMSR_JAX:012643

Description: Mus musculus with name B6.Cg-Tg(Ly6a-EGFP)G5Dzk/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Ly6a-GFP)G5Dzk/J

Notes: gene symbol note: |transgene insertion G5; Elaine Dzierzak|lymphocyte antigen 6 family member A; mutant strain|congenic strain: |Tg(Ly6a-EGFP)G5Dzk|Ly6a

Affected Gene: |transgene insertion G5; Elaine Dzierzak|lymphocyte antigen 6 family member A

Genomic Alteration: transgene insertion G5; Elaine Dzierzak

Catalog Number: JAX:012643

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Ly6a-EGFP)G5Dzk/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260815T050632+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Ly6a-EGFP)G5Dzk/J.

No alerts have been found for B6.Cg-Tg(Ly6a-EGFP)G5Dzk/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 [NIF](#) .

Yeganeh B, et al. (2023) Suspension-Induced Stem Cell Transition: A Non-Transgenic Method to Generate Adult Stem Cells from Mouse and Human Somatic Cells. *Cells*, 12(20).

Zhang Q, et al. (2023) Retinal microvascular and neuronal pathologies probed in vivo by adaptive optical two-photon fluorescence microscopy. *eLife*, 12.

Vink CS, et al. (2020) Iterative Single-Cell Analyses Define the Transcriptome of the First Functional Hematopoietic Stem Cells. *Cell reports*, 31(6), 107627.

Toledo-Flores D, et al. (2019) Vasculogenic properties of adventitial Sca-1+CD45+ progenitor cells in mice: a potential source of vasa vasorum in atherosclerosis. *Scientific reports*, 9(1), 7286.

Mariani SA, et al. (2019) Pro-inflammatory Aorta-Associated Macrophages Are Involved in Embryonic Development of Hematopoietic Stem Cells. *Immunity*, 50(6), 1439.