Resource Summary Report

Generated by NIF on Sep 7, 2026

C57BL/6-Tg(Csf1r-HBEGF/mCherry)1Mnz/J

RRID:IMSR_JAX:024046
Type: Organism

Proper Citation

RRID:IMSR_JAX:024046

Organism Information

URL: https://www.jax.org/strain/024046

Proper Citation: RRID:IMSR_JAX:024046

Description: Mus musculus with name C57BL/6-Tg(Csf1r-HBEGF/mCherry)1Mnz/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Michel C Nussenzweig|Simian Diphtheria Toxin Receptor|colony stimulating factor 1 receptor||heparin binding EGF like growth factor; coisogenic strain|mutant strain: Tg(Csf1r-HBEGF/mCherry)1Mnz|DTR|Csf1r||HBEGF

Affected Gene: transgene insertion 1; Michel C Nussenzweig|Simian Diphtheria Toxin Receptor|colony stimulating factor 1 receptor||heparin binding EGF like growth factor

Genomic Alteration: transgene insertion 1; Michel C Nussenzweig

Catalog Number: JAX:024046

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(Csf1r-HBEGF/mCherry)1Mnz/J

Record Creation Time: 20250513T053749+0000

Record Last Update: 20260905T044529+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Csf1r-HBEGF/mCherry)1Mnz/J.

No alerts have been found for C57BL/6-Tg(Csf1r-HBEGF/mCherry)1Mnz/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 .

Xue G, et al. (2024) Clinical drug screening reveals clofazimine potentiates the efficacy while reducing the toxicity of anti-PD-1 and CTLA-4 immunotherapy. Cancer cell.

van der Vlist M, et al. (2022) Macrophages transfer mitochondria to sensory neurons to resolve inflammatory pain. Neuron, 110(4), 613.

Williams JW, et al. (2020) Limited proliferation capacity of aortic intima resident macrophages requires monocyte recruitment for atherosclerotic plaque progression. Nature immunology, 21(10), 1194.

Lian J, et al. (2020) Targeting Lymph Node Niches Enhances Type 1 Immune Responses to Immunization. Cell reports, 31(8), 107679.

MohanKumar K, et al. (2019) A murine neonatal model of necrotizing enterocolitis caused by anemia and red blood cell transfusions. Nature communications, 10(1), 3494.