

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

CBA.Cg-Csf1r^{em1Prdns}/J

RRID:IMSR_JAX:032783

Type: Organism

Proper Citation

RRID:IMSR_JAX:032783

Organism Information

URL: <https://www.jax.org/strain/032783>

Proper Citation: RRID:IMSR_JAX:032783

Description: Mus musculus with name CBA.Cg-Csf1r^{em1Prdns}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: colony stimulating factor 1 receptor; mutant strain|congenic strain: Csf1r

Affected Gene: colony stimulating factor 1 receptor

Genomic Alteration: endonuclease-mediated mutation 1; Clare Pridans

Catalog Number: JAX:032783

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: CBA.Cg-Csf1r^{em1Prdns}/J

Record Creation Time: 20250513T053831+0000

Record Last Update: 20260919T055014+0000

Ratings and Alerts

No rating or validation information has been found for CBA.Cg-Csf1r^{em1Prdns}/J.

No alerts have been found for CBA.Cg-Csf1r^{em1Prdns}/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 [Kravitz](#) .

Ramirez JJ, et al. (2026) Astrocyte-microglia crosstalk through Hevin and Toll-like receptor signaling controls developmental thalamocortical synapse refinement. *Neuron*, 114(8), 1433.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Lawrence AR, et al. (2024) Microglia maintain structural integrity during fetal brain morphogenesis. *Cell*, 187(4), 962.

Profaci CP, et al. (2024) Microglia are not necessary for maintenance of blood-brain barrier properties in health, but PLX5622 alters brain endothelial cholesterol metabolism. *Neuron*, 112(17), 2910.

Han CZ, et al. (2023) Human microglia maturation is underpinned by specific gene regulatory networks. *Immunity*, 56(9), 2152.