

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

C57BL/6-Tg(Cpa3-cre)4Glli/J

RRID:IMSR_JAX:026828

Type: Organism

Proper Citation

RRID:IMSR_JAX:026828

Organism Information

URL: <https://www.jax.org/strain/026828>

Proper Citation: RRID:IMSR_JAX:026828

Description: Mus musculus with name C57BL/6-Tg(Cpa3-cre)4Glli/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: carboxypeptidase A3; mast cell||transgene insertion 4; Stephen J Galli; coisogenic strain|mutant strain: Cpa3||Tg(Cpa3-cre)4Glli

Affected Gene: carboxypeptidase A3; mast cell||transgene insertion 4; Stephen J Galli

Genomic Alteration: transgene insertion 4; Stephen J Galli

Catalog Number: JAX:026828

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Cpa3-cre)4Glli/J

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260815T050711+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Cpa3-cre)4Glli/J.

No alerts have been found for C57BL/6-Tg(Cpa3-cre)4Glli/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Wang Y, et al. (2026) ??-Linolenic acid suppresses Th17 cell differentiation to mitigate allergic rhinitis by binding to Lyn kinase in mast cells. British journal of pharmacology, 183(12), 3234.

Chen Z, et al. (2021) Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis. Immunity, 54(1), 151.