

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

C57BL/6J-Tg(CMV-Cox8a/EYFP)17J/J

RRID:IMSR_JAX:006362

Type: Organism

Proper Citation

RRID:IMSR_JAX:006362

Organism Information

URL: <https://www.jax.org/strain/006362>

Proper Citation: RRID:IMSR_JAX:006362

Description: Mus musculus with name C57BL/6J-Tg(CMV-Cox8a/EYFP)17J/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: cytomegalovirus||transgene insertion 17; Jackson Laboratory; coisogenic strain|mutant strain: CMV||Tg(CMV-Cox8a/EYFP)17J

Affected Gene: cytomegalovirus||transgene insertion 17; Jackson Laboratory

Genomic Alteration: transgene insertion 17; Jackson Laboratory

Catalog Number: JAX:006362

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Tg(CMV-Cox8a/EYFP)17J/J

Record Creation Time: 20250513T053656+0000

Record Last Update: 20260905T044439+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(CMV-Cox8a/EYFP)17J/J.

No alerts have been found for C57BL/6J-Tg(CMV-Cox8a/EYFP)17J/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Hovhannisyan V, et al. (2025) Sex differences in the antinociceptive effect of codeine and its peripheral but not central metabolism in adult mice. *Neuropharmacology*, 264, 110228.

Gabel F, et al. (2023) Central metabolism as a potential origin of sex differences in morphine antinociception but not induction of antinociceptive tolerance in mice. *British journal of pharmacology*, 180(7), 843.

Alam A, et al. (2022) Fungal ablation and transplantation of specific fungal species into PDAC tumor-bearing mice. *STAR protocols*, 3(3), 101644.

Alam A, et al. (2022) Isolation and adoptive transfer of innate lymphoid cells 2 to a recipient mouse model of PDAC. *STAR protocols*, 3(3), 101563.

Lyu R, et al. (2022) KAS-seq: genome-wide sequencing of single-stranded DNA by N3-kethoxal-assisted labeling. *Nature protocols*, 17(2), 402.

Alam A, et al. (2022) Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. *Cancer cell*, 40(2), 153.

Hsieh CL, et al. (2021) Stabilized coronavirus spike stem elicits a broadly protective antibody. *Cell reports*, 37(5), 109929.

Trujillo-Cenóz O, et al. (2021) The ependymal cell cytoskeleton in the normal and injured spinal cord of mice. *Journal of neuroscience research*, 99(10), 2592.