

Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

C57BL/6-Tg(tetO-COX8A/EYFP)1Ksn/J

RRID:IMSR_JAX:006618

Type: Organism

Proper Citation

RRID:IMSR_JAX:006618

Organism Information

URL: <https://www.jax.org/strain/006618>

Proper Citation: RRID:IMSR_JAX:006618

Description: Mus musculus with name C57BL/6-Tg(tetO-COX8A/EYFP)1Ksn/J from IMSR.

Species: Mus musculus

Synonyms: C57BL6-Tg(TRE-COX8/EYFP)001Ksn/J. C57BL6-Tg(tetO-COX8A/EYFP)1Ksn/J

Notes: gene symbol note: |transgene insertion 1; Tibor Kristian|cytochrome c oxidase subunit 8A|tet operator; coisogenic strain|mutant strain: |Tg(tetO-COX8A/EYFP)1Ksn|COX8A|tetO

Affected Gene: |transgene insertion 1; Tibor Kristian|cytochrome c oxidase subunit 8A|tet operator

Genomic Alteration: transgene insertion 1; Tibor Kristian

Catalog Number: JAX:006618

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(tetO-COX8A/EYFP)1Ksn/J

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260801T050400+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(tetO-COX8A/EYFP)1Ksn/J.

No alerts have been found for C57BL/6-Tg(tetO-COX8A/EYFP)1Ksn/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 [kravitz2](#) .

Pinto M, et al. (2018) Lack of Parkin Anticipates the Phenotype and Affects Mitochondrial Morphology and mtDNA Levels in a Mouse Model of Parkinson's Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 1042.

Divakaruni SS, et al. (2018) Long-Term Potentiation Requires a Rapid Burst of Dendritic Mitochondrial Fission during Induction. Neuron, 100(4), 860.