

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

C57BL/6J-Gtpbp2^{nmf205}/J

RRID:IMSR_JAX:004823

Type: Organism

Proper Citation

RRID:IMSR_JAX:004823

Organism Information

URL: <https://www.jax.org/strain/004823>

Proper Citation: RRID:IMSR_JAX:004823

Description: Mus musculus with name C57BL/6J-Gtpbp2^{nmf205}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-nmf205/J

Notes: gene symbol note: nuclear encoded tRNA arginine 5 (anticodon TCT)|GTP binding protein 2; coisogenic strain|mutant strain: n-TRtct5|Gtpbp2

Affected Gene: nuclear encoded tRNA arginine 5 (anticodon TCT)|GTP binding protein 2

Genomic Alteration: mutation 1; Jackson|neuroscience mutagenesis facility; 205

Catalog Number: JAX:004823

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6J-Gtpbp2^{nmf205}/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260815T050555+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Gtpbp2^{nmf205}/J.

No alerts have been found for C57BL/6J-Gtpbp2^{nmf205}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Kapur M, et al. (2024) Cell-type-specific expression of tRNAs in the brain regulates cellular homeostasis. Neuron.

Kapur M, et al. (2020) Expression of the Neuronal tRNA n-Tr20 Regulates Synaptic Transmission and Seizure Susceptibility. Neuron, 108(1), 193.

Terrey M, et al. (2020) GTPBP1 resolves paused ribosomes to maintain neuronal homeostasis. eLife, 9.