

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 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: GTP binding protein 2|nuclear encoded tRNA arginine 5 (anticodon TCT); coisogenic strain|mutant strain: Gtpbp2|n-TRtct5

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

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

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: 20260725T044356+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 [SPARC SAWG](#) .

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

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

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