

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

B6.Cg-Tg(Npy-MAPT/Sapphire)1Rck/J

RRID:IMSR_JAX:008321

Type: Organism

Proper Citation

RRID:IMSR_JAX:008321

Organism Information

URL: <https://www.jax.org/strain/008321>

Proper Citation: RRID:IMSR_JAX:008321

Description: Mus musculus with name B6.Cg-Tg(Npy-MAPT/Sapphire)1Rck/J from IMSR.

Species: Mus musculus

Synonyms: B6(CBA)-Tg(Npy-MAPT/GFP*)1Rck/J. B6.Cg-Tg(Npy-MAPT/GFP*)1Rck/J

Notes: gene symbol note: neuropeptide Y||microtubule associated protein tau|transgene insertion 1; Jeffrey M Friedman; congenic strain: Npy||MAPT|Tg(Npy-MAPT/Sapphire)1Rck

Affected Gene: neuropeptide Y||microtubule associated protein tau|transgene insertion 1; Jeffrey M Friedman

Genomic Alteration: transgene insertion 1; Jeffrey M Friedman

Catalog Number: JAX:008321

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Npy-MAPT/Sapphire)1Rck/J

Record Creation Time: 20250513T053707+0000

Record Last Update: 20260919T054856+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Npy-MAPT/Sapphire)1Rck/J.

No alerts have been found for B6.Cg-Tg(Npy-MAPT/Sapphire)1Rck/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 [dkNET](#) .

Pan L, et al. (2025) The gut-brain axis mechanism of normal appetite induced by kynurenic acid. Cell reports, 44(5), 115659.

Miterko LN, et al. (2019) Persistent motor dysfunction despite homeostatic rescue of cerebellar morphogenesis in the Car8 waddles mutant mouse. Neural development, 14(1), 6.

Morozov YM, et al. (2017) Cannabinoid type 1 receptor-containing axons innervate NPY/AgRP neurons in the mouse arcuate nucleus. Molecular metabolism, 6(4), 374.