

Resource Summary Report

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

B6;129S1-Atp7b^{tm1Tcg}/LtsnkJ

RRID:IMSR_JAX:032624

Type: Organism

Proper Citation

RRID:IMSR_JAX:032624

Organism Information

URL: <https://www.jax.org/strain/032624>

Proper Citation: RRID:IMSR_JAX:032624

Description: Mus musculus with name B6;129S1-Atp7b^{tm1Tcg}/LtsnkJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: ATPase; copper transporting; beta polypeptide; mutant stock: Atp7b

Affected Gene: ATPase; copper transporting; beta polypeptide

Genomic Alteration: targeted mutation 1; T Conrad Gilliam

Catalog Number: JAX:032624

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S1-Atp7b^{tm1Tcg}/LtsnkJ

Record Creation Time: 20250513T053829+0000

Record Last Update: 20260919T055013+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-Atp7b^{tm1Tcg}/LtsnkJ.

No alerts have been found for B6;129S1-Atp7b^{tm1Tcg}/LtsnkJ.

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 [Kravitz](#) .

Dev S, et al. (2026) ATP7B-maintained copper stores in myeloid progenitors are required for functional maturation of neutrophils. Cell reports, 45(2), 116955.

Washington-Hughes CL, et al. (2023) Atp7b-dependent choroid plexus dysfunction causes transient copper deficit and metabolic changes in the developing mouse brain. PLoS genetics, 19(1), e1010558.