

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6N.Cg-Speer6-ps1Tg(Alb-cre)21Mgn/J

RRID:IMSR_JAX:018961

Type: Organism

Proper Citation

RRID:IMSR_JAX:018961

Organism Information

URL: <https://www.jax.org/strain/018961>

Proper Citation: RRID:IMSR_JAX:018961

Description: Mus musculus with name B6N.Cg-Speer6-ps1^{Tg(Alb-cre)21Mgn/J} from IMSR.

Species: Mus musculus

Synonyms: B6N.Cg-Tg(Alb-cre)21Mgn/J

Notes: gene symbol note: spermatogenesis associated glutamate (E)-rich protein 6; pseudogene 1||albumin; mutant strain|congenic strain: Speer6-ps1||Alb

Affected Gene: spermatogenesis associated glutamate (E)-rich protein 6; pseudogene 1||albumin

Genomic Alteration: transgene insertion 21; Mark A Magnuson

Catalog Number: JAX:018961

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.Cg-Speer6-ps1^{Tg(Alb-cre)21Mgn/J}

Record Creation Time: 20250513T053739+0000

Record Last Update: 20260829T045058+0000

Ratings and Alerts

No rating or validation information has been found for B6N.Cg-Speer6-ps1^{Tg(Alb-cre)}21Mgn/J.

No alerts have been found for B6N.Cg-Speer6-ps1^{Tg(Alb-cre)}21Mgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Peña de la Sancha P, et al. (2025) Lipolysis-derived fatty acids are needed for homeostatic control of sterol element-binding protein-1c driven hepatic lipogenesis. *Communications biology*, 8(1), 588.

Varadharajan V, et al. (2024) Membrane-bound O-acyltransferase 7 (MBOAT7) shapes lysosomal lipid homeostasis and function to control alcohol-associated liver injury. *eLife*, 12.

Schwarz MM, et al. (2023) Lrp1 is essential for lethal Rift Valley fever hepatic disease in mice. *Science advances*, 9(28), eadh2264.

Thapa K, et al. (2023) Melanocortin 1 receptor regulates cholesterol and bile acid metabolism in the liver. *eLife*, 12.

Kim MW, et al. (2022) Deficiency of Ninjurin1 attenuates LPS/D-galactosamine-induced acute liver failure by reducing TNF- α -induced apoptosis in hepatocytes. *Journal of cellular and molecular medicine*, 26(20), 5122.

Hishida T, et al. (2022) In vivo partial cellular reprogramming enhances liver plasticity and regeneration. *Cell reports*, 39(4), 110730.

Loft A, et al. (2022) A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. *Cell metabolism*, 34(3), 473.

Loft A, et al. (2021) Liver-fibrosis-activated transcriptional networks govern hepatocyte reprogramming and intra-hepatic communication. *Cell metabolism*, 33(8), 1685.

Schoeller EL, et al. (2021) Growth Hormone Pulses and Liver Gene Expression Are Differentially Regulated by the Circadian Clock Gene Bmal1. *Endocrinology*, 162(4).

Tonsfeldt KJ, et al. (2019) The Contribution of the Circadian Gene Bmal1 to Female Fertility and the Generation of the Preovulatory Luteinizing Hormone Surge. *Journal of the Endocrine Society*, 3(4), 716.