

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Speer6-ps1^{Tg\(Alb-cre\)21Mgn}/Speer6-ps1⁺; Srsf3^{tm1Pjln}/Srsf3^{tm1Pjln}](#)

RRID:MGI:5605688

Type: Organism

Proper Citation

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Organism Information

URL:

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Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: decreased fatty acid oxidation, abnormal bile canaliculus morphology, increased circulating aspartate transaminase level, abnormal endoplasmic reticulum morphology, decreased liver cholesterol level, decreased liver glycogen level, decreased liver triglyceride level, decreased susceptibility to diet-induced obesity, abnormal kidney development, hypoglycemia, increased circulating alanine transaminase level, decreased circulating insulin-like growth factor I level, abnormal hepatocyte morphology, increased circulating alkaline phosphatase level, decreased circulating triglyceride level, small liver, abnormal hepatobiliary system development, abnormal glucose tolerance, abnormal liver sinusoid morphology, abnormal thymus development, decreased circulating HDL cholesterol level, decreased body size, postnatal lethality, incomplete penetrance, perinatal lethality, incomplete penetrance, decreased circulating serum albumin level, abnormal liver morphology, decreased circulating cholesterol level, pale liver, increased insulin sensitivity, increased hepatocyte apoptosis, increased circulating growth hormone level, increased circulating bilirubin level, decreased brown adipose tissue amount

Affected Gene: Speer6-ps1, Srsf3

Genomic Alteration: tm1Pjln, Tg(Alb-cre)21Mgn

Catalog Number: 5605688

Background: involves: BALB/c * C57BL/6 * DBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23299886](#)

Organism Name: Speer6-ps1^{Tg(Alb-cre)21Mgn/Speer6-ps1⁺; Srsf3^{tm1Pjln/Srsf3^{tm1Pjln}}}

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201701+0000

Ratings and Alerts

No rating or validation information has been found for Speer6-ps1^{Tg(Alb-cre)21Mgn/Speer6-ps1⁺; Srsf3^{tm1Pjln/Srsf3^{tm1Pjln}}}.

No alerts have been found for Speer6-ps1^{Tg(Alb-cre)21Mgn/Speer6-ps1⁺; Srsf3^{tm1Pjln/Srsf3^{tm1Pjln}}}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.