

Resource Summary Report

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

B6.129X1-Spo11^{tm1Mjn/J}

RRID:IMSR_JAX:019117

Type: Organism

Proper Citation

RRID:IMSR_JAX:019117

Organism Information

URL: <https://www.jax.org/strain/019117>

Proper Citation: RRID:IMSR_JAX:019117

Description: Mus musculus with name B6.129X1-Spo11^{tm1Mjn/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: SPO11 initiator of meiotic double stranded breaks; mutant strain|congenic strain: Spo11

Affected Gene: SPO11 initiator of meiotic double stranded breaks

Genomic Alteration: targeted mutation 1; Maria Jasin

Catalog Number: JAX:019117

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1-Spo11^{tm1Mjn/J}

Record Creation Time: 20250513T053740+0000

Record Last Update: 20260808T050944+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Spo11^{tm1Mjn/J}.

No alerts have been found for B6.129X1-Spo11^{tm1Mjn/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Spruce C, et al. (2020) HELLS and PRDM9 form a pioneer complex to open chromatin at meiotic recombination hot spots. Genes & development, 34(5-6), 398.