

# Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

## B6.129S2(SJL)-Trim28<sup>tm1.1lpc/J</sup>

RRID:IMSR\_JAX:018552

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:018552

### Organism Information

**URL:** <https://www.jax.org/strain/018552>

**Proper Citation:** RRID:IMSR\_JAX:018552

**Description:** Mus musculus with name B6.129S2(SJL)-Trim28<sup>tm1.1lpc/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: tripartite motif-containing 28; mutant strain|congenic strain: Trim28

**Affected Gene:** tripartite motif-containing 28

**Genomic Alteration:** targeted mutation 1.1; Pierre Chambon

**Catalog Number:** JAX:018552

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S2(SJL)-Trim28<sup>tm1.1lpc/J</sup>

**Record Creation Time:** 20250513T053738+0000

**Record Last Update:** 20260725T044446+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S2(SJL)-Trim28<sup>tm1.1lpc/J</sup>.

No alerts have been found for B6.129S2(SJL)-Trim28<sup>tm1.1lpc/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

DiRusso JA, et al. (2025) Sex-specific expression and function of TRIM28 during mouse primordial germ differentiation. iScience, 28(10), 113474.

Li R, et al. (2023) TRIM28 modulates nuclear receptor signaling to regulate uterine function. Nature communications, 14(1), 4605.

Steinert ND, et al. (2021) Mapping of the contraction-induced phosphoproteome identifies TRIM28 as a significant regulator of skeletal muscle size and function. Cell reports, 34(9), 108796.

Rousseaux MW, et al. (2016) TRIM28 regulates the nuclear accumulation and toxicity of both alpha-synuclein and tau. eLife, 5.