

# Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

## [Polg<sup>tm1.1Lrsn</sup>/Polg<sup>tm1.1Lrsn</sup>](#)

RRID:MGI:3046848

Type: Organism

### Proper Citation

RRID:MGI:3046848

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3046848

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** azoospermia, abnormal mitochondrial ATP synthesis coupled electron transport, small testis, reduced male fertility, dilated heart left ventricle, decreased hemoglobin content, oligozoospermia, increased mitochondria size, abnormal myocardial fiber morphology, premature death, increased heart weight, alopecia, decreased total body fat amount, decreased subcutaneous adipose tissue amount, osteoporosis, kyphosis, weight loss, seminiferous tubule degeneration, reduced female fertility, hypochromic macrocytic anemia

**Affected Gene:** Polg

**Genomic Alteration:** tm1.1Lrsn

**Catalog Number:** 3046848

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15164064](#)

**Organism Name:** Polg<sup>tm1.1Lrsn</sup>/Polg<sup>tm1.1Lrsn</sup>

**Record Creation Time:** 20240120T190655+0000

**Record Last Update:** 20240130T202036+0000

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## Ratings and Alerts

No rating or validation information has been found for Polg<sup>tm1.1Lrsn</sup>/Polg<sup>tm1.1Lrsn</sup>.

No alerts have been found for Polg<sup>tm1.1Lrsn</sup>/Polg<sup>tm1.1Lrsn</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.