

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[Polg^{tm1.1Lrsn}/Polg^{tm1.1Lrsn}](#)

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^{tm1.1Lrsn}/Polg^{tm1.1Lrsn}

Record Creation Time: 20240120T190655+0000

Record Last Update: 20240130T202036+0000

Ratings and Alerts

No rating or validation information has been found for Polg^{tm1.1Lrsn}/Polg^{tm1.1Lrsn}.

No alerts have been found for Polg^{tm1.1Lrsn}/Polg^{tm1.1Lrsn}.

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.