

# Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

## [Lox<sup>tm1Soin</sup>/Lox<sup>tm1Soin</sup>](#)

RRID:MGI:3611287

Type: Organism

### Proper Citation

RRID:MGI:3611287

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3611287

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

**Species:** Mus musculus

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

**Phenotype:** semilunar valve regurgitation, hemorrhage, cyanosis, impaired branching involved in terminal bronchiole morphogenesis, abnormal enzyme/coenzyme activity, abnormal cutaneous elastic fiber morphology, abnormal pulmonary artery morphology, pulmonary hypoplasia, abnormal cutaneous collagen fibril morphology, abnormal diaphragm morphology, diaphragmatic hernia, impaired branching involved in respiratory bronchiole morphogenesis, abnormal pulmonary elastic fiber morphology, atelectasis, emphysema, abnormal pulmonary acinus morphology, abnormal bronchiole epithelium morphology, abnormal blood flow velocity, aortic aneurysm, hypoactivity, abnormal suckling behavior, dilated respiratory conducting tubes, perinatal lethality, complete penetrance, decreased lung weight, abnormal aorta smooth muscle morphology, abnormal aorta elastic tissue morphology, aorta stenosis

**Affected Gene:** Lox

**Genomic Alteration:** tm1Soin

**Catalog Number:** 3611287

**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:12417550](#), [PMID:16192629](#)

**Organism Name:** Lox<sup>tm1Soin</sup>/Lox<sup>tm1Soin</sup>

**Record Creation Time:** 20240120T190611+0000

**Record Last Update:** 20240130T202011+0000

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## Ratings and Alerts

No rating or validation information has been found for Lox<sup>tm1Soin</sup>/Lox<sup>tm1Soin</sup>.

No alerts have been found for Lox<sup>tm1Soin</sup>/Lox<sup>tm1Soin</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.