Resource Summary Report

Generated by PRECISE-TBI on Aug 19, 2026

Lox^{tm1Soin}/Lox^{tm1Soin}

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: $Lox^{tm1Soin}/Lox^{tm1Soin}$

Record Creation Time: 20240120T190611+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for $Lox^{tm1Soin}/Lox^{tm1Soin}$.

No alerts have been found for $Lox^{tm1Soin}/Lox^{tm1Soin}$.

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.