

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Epas1^{tm1Pec}/Epas1^{tm1Pec}](#)

RRID:MGI:2663596

Type: Organism

Proper Citation

RRID:MGI:2663596

Organism Information

URL:

Proper Citation: RRID:MGI:2663596

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

Species: Mus musculus

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

Phenotype: abnormal pulmonary alveolus epithelial cell morphology, abnormal lung vasculature morphology, prenatal lethality, incomplete penetrance, abnormal lung development, abnormal surfactant secretion, atelectasis, cyanosis, decreased type II pneumocyte number, embryonic lethality during organogenesis, incomplete penetrance, neonatal lethality, complete penetrance, respiratory distress, respiratory failure, thick pulmonary interalveolar septum, neonatal lethality, complete penetrance, abnormal alveolar lamellar body morphology, abnormal angiogenesis

Affected Gene: Epas1

Genomic Alteration: tm1Pec

Catalog Number: 2663596

Background: involves: 129/Sv * Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12053176](#), [PMID:12750401](#)

Organism Name: Epas1^{tm1Pec}/Epas1^{tm1Pec}

Record Creation Time: 20240120T190734+0000

Record Last Update: 20240130T202059+0000

Ratings and Alerts

No rating or validation information has been found for Epas1^{tm1Pec}/Epas1^{tm1Pec}.

No alerts have been found for Epas1^{tm1Pec}/Epas1^{tm1Pec}.

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.