

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Abca3^{tm1Nina}/Abca3^{tm1Nina}](#)

RRID:MGI:3711224

Type: Organism

Proper Citation

RRID:MGI:3711224

Organism Information

URL:

Proper Citation: RRID:MGI:3711224

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

Species: Mus musculus

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

Phenotype: abnormal surfactant composition, cyanosis, neonatal lethality, complete penetrance, abnormal lung saccule morphology, abnormal bronchiole epithelium morphology, abnormal type II pneumocyte morphology, pulmonary vascular congestion, abnormal alveolar lamellar body morphology, atelectasis, absent type I pneumocytes, absent alveolar lamellar bodies, thick lung-associated mesenchyme, increased wet-to-dry lung weight ratio, abnormal lung development, respiratory failure

Affected Gene: Abca3

Genomic Alteration: tm1Nina

Catalog Number: 3711224

Background: involves: 129P2/OlaHsd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17267394](#)

Organism Name: Abca3^{tm1Nina}/Abca3^{tm1Nina}

Record Creation Time: 20240120T190522+0000

Record Last Update: 20240130T201942+0000

Ratings and Alerts

No rating or validation information has been found for Abca3^{tm1Nina}/Abca3^{tm1Nina}.

No alerts have been found for Abca3^{tm1Nina}/Abca3^{tm1Nina}.

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.