

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Abcg1^{tm1Dgen}/Abcg1^{tm1Dgen}](#)

RRID:MGI:3796559

Type: Organism

Proper Citation

RRID:MGI:3796559

Organism Information

URL:

Proper Citation: RRID:MGI:3796559

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

Species: Mus musculus

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

Phenotype: increased eosinophil cell number, overexpanded pulmonary alveoli, increased B cell number, abnormal macrophage morphology, lung inflammation, lipidosis, increased dendritic cell number, abnormal surfactant secretion, increased neutrophil cell number, increased monocyte cell number, abnormal cytokine secretion, abnormal chemokine secretion, decreased cholesterol efflux, abnormal monocyte differentiation, abnormal lung morphology, abnormal leukocyte morphology, increased CD4-positive, alpha beta T cell number, increased CD8-positive, alpha-beta T cell number

Affected Gene: Abcg1

Genomic Alteration: tm1Dgen

Catalog Number: 3796559

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17992262](#), [PMID:18322240](#)

Organism Name: Abcg1^{tm1Dgen}/Abcg1^{tm1Dgen}

Record Creation Time: 20240120T190432+0000

Record Last Update: 20240130T201915+0000

Ratings and Alerts

No rating or validation information has been found for Abcg1^{tm1Dgen}/Abcg1^{tm1Dgen}.

No alerts have been found for Abcg1^{tm1Dgen}/Abcg1^{tm1Dgen}.

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.