

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[Abca1^{tm1Wpfl}/Abca1^{tm1Wpfl}](#)

RRID:MGI:2450673

Type: Organism

Proper Citation

RRID:MGI:2450673

Organism Information

URL:

Proper Citation: RRID:MGI:2450673

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

Species: Mus musculus

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

Phenotype: decreased circulating progesterone level, decreased circulating estradiol level, reduced female fertility, abnormal uterus morphology, abnormal placenta labyrinth morphology, abnormal ovary morphology, abnormal thymus morphology, decreased circulating cholesterol level, abnormal Sertoli cell morphology, heart left ventricle hypertrophy, renal glomerular immunoglobulin deposits, respiratory distress, postnatal lethality, incomplete penetrance, decreased body size, lung hemorrhage, embryonic growth retardation, uterus inflammation, decreased intestinal cholesterol absorption, decreased circulating cholesterol level, decreased circulating HDL cholesterol level, lethality throughout fetal growth and development, incomplete penetrance, abnormal kidney cortex morphology, decreased circulating HDL cholesterol level, heart right ventricle hypertrophy, hepatic steatosis, cardiomyopathy, abnormal adrenal gland morphology, embryonic growth arrest, glomerulosclerosis, glomerulonephritis

Affected Gene: Abca1

Genomic Alteration: tm1Wpfl

Catalog Number: 2450673

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:10980140](#), [PMID:11266384](#)

Organism Name: Abca1^{tm1Wpfl}/Abca1^{tm1Wpfl}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202149+0000

Ratings and Alerts

No rating or validation information has been found for Abca1^{tm1Wpfl}/Abca1^{tm1Wpfl}.

No alerts have been found for Abca1^{tm1Wpfl}/Abca1^{tm1Wpfl}.

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.