

Resource Summary Report

Generated by [nidm-terms](#) on Aug 3, 2026

[Arid4a^{tm1Alb}](#)/[Arid4a^{tm1Alb}](#)

RRID:MGI:3817454

Type: Organism

Proper Citation

RRID:MGI:3817454

Organism Information

URL:

Proper Citation: RRID:MGI:3817454

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

Species: Mus musculus

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

Phenotype: decreased erythrocyte cell number, decreased T cell number, decreased B cell number, anemia, abnormal mononuclear cell differentiation, abnormal common myeloid progenitor cell morphology, abnormal bone marrow morphology, abnormal definitive hematopoiesis, increased sarcoma incidence, ruffled hair, premature death, poikilocytosis, ovary hemorrhage, increased leukemia incidence, increased leukocyte cell number, increased hematopoietic stem cell number, increased erythroid progenitor cell number, increased erythrocyte cell number, increased pulmonary respiratory rate, enlarged liver, increased T cell number, hypoactivity, myelofibrosis, extramedullary hematopoiesis, enlarged spleen, thrombocytopenia, decreased neutrophil cell number, decreased monocyte cell number, decreased lymphocyte cell number, decreased litter size, decreased leukocyte cell number

Affected Gene: Arid4a

Genomic Alteration: tm1Alb

Catalog Number: 3817454

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18728284](#)

Organism Name: Arid4a^{tm1Alb}/Arid4a^{tm1Alb}

Record Creation Time: 20240120T190408+0000

Record Last Update: 20240130T201901+0000

Ratings and Alerts

No rating or validation information has been found for Arid4a^{tm1Alb}/Arid4a^{tm1Alb}.

No alerts have been found for Arid4a^{tm1Alb}/Arid4a^{tm1Alb}.

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.