

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Spta1^{sph-ha}/Spta1^{sph-ha}](#)

RRID:MGI:3766996

Type: Organism

Proper Citation

RRID:MGI:3766996

Organism Information

URL:

Proper Citation: RRID:MGI:3766996

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

Species: Mus musculus

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

Phenotype: increased erythrocyte protoporphyrin level, lymph node hyperplasia, abnormal splenic cell ratio, abnormal lymph node cell ratio, increased CD8-positive, alpha-beta T cell number, increased CD4-positive, alpha beta T cell number, abnormal bone marrow cell number, reticulocytosis, abnormal spleen morphology, decreased hematocrit, macrocytosis, increased leukocyte cell number, abnormal thrombosis, alveolitis, vasculature congestion, hemosiderosis, increased neutrophil cell number, increased monocyte cell number, hemolytic anemia, increased susceptibility to bacterial infection, interstitial pneumonia, increased lymphocyte cell number, lymph node hyperplasia, abnormal lung morphology, premature death, increased circulating bilirubin level, increased bone marrow cell number, increased IgG level, increased IgA level, pulmonary fibrosis, gallstones, extramedullary hematopoiesis, abnormal pulmonary alveolus wall morphology, abnormal erythropoiesis, spherocytosis, increased erythroid progenitor cell number, increased bone marrow cell number, microcytosis, hemolytic anemia, abnormal erythrocyte physiology, increased B cell proliferation, increased B cell number, increased erythrocyte protoporphyrin level, increased lymphocyte cell number, hemolytic anemia, increased T cell proliferation, enlarged spleen, increased T cell number, abnormal bone marrow cell number

Affected Gene: Spta1

Genomic Alteration: sph-ha

Catalog Number: 3766996

Background: either: (B6.D1-Spta1 x WB.D1-Spta1)F1 or (WB.D1-Spta1 x B6.D1-Spta1)F1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:658175](#), [PMID:1934076](#), [PMID:8355480](#), [PMID:7492791](#), [PMID:7059672](#)

Organism Name: Spta1^{sph-ha}/Spta1^{sph-ha}

Record Creation Time: 20240120T190453+0000

Record Last Update: 20240130T201927+0000

Ratings and Alerts

No rating or validation information has been found for Spta1^{sph-ha}/Spta1^{sph-ha}.

No alerts have been found for Spta1^{sph-ha}/Spta1^{sph-ha}.

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.