

# Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

## [Spta1<sup>sph-ha</sup>/Spta1<sup>sph-ha</sup>](#)

RRID:MGI:3766996

Type: Organism

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### Proper Citation

RRID:MGI:3766996

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### 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<sup>sph-ha</sup>/Spta1<sup>sph-ha</sup>

**Record Creation Time:** 20240120T190453+0000

**Record Last Update:** 20240130T201927+0000

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## Ratings and Alerts

No rating or validation information has been found for Spta1<sup>sph-ha</sup>/Spta1<sup>sph-ha</sup>.

No alerts have been found for Spta1<sup>sph-ha</sup>/Spta1<sup>sph-ha</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.