

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Hps1^{ep}/Hps1^{ep}](#)

RRID:MGI:3588311

Type: Organism

Proper Citation

RRID:MGI:3588311

Organism Information

URL:

Proper Citation: RRID:MGI:3588311

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

Species: Mus musculus

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

Phenotype: decreased platelet ADP level, alveolitis, decreased ear pigmentation, abnormal type II pneumocyte morphology, abnormal lysosome physiology, abnormal melanosome morphology, overexpanded pulmonary alveoli, enlarged alveolar lamellar bodies, decreased tail pigmentation, decreased platelet serotonin level, increased lysosomal enzyme secretion, abnormal iris pigmentation, increased bleeding time, decreased platelet ATP level, increased susceptibility to atherosclerosis, decreased platelet serotonin level, abnormal NK cell physiology

Affected Gene: Hps1

Genomic Alteration: ep

Catalog Number: 3588311

Background: B6.C3Fe-Hps1/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12445206](#), [PMID:2369371](#), [PMID:6696991](#), [PMID:12847290](#), [PMID:7089489](#), [PMID:18715234](#), [PMID:15743322](#)

Organism Name: Hps1^{ep}/Hps1^{ep}

Record Creation Time: 20240120T190623+0000

Record Last Update: 20240130T202018+0000

Ratings and Alerts

No rating or validation information has been found for Hps1^{ep}/Hps1^{ep}.

No alerts have been found for Hps1^{ep}/Hps1^{ep}.

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.